High Purity Systems

We can handle pressure

GasTech

Responsible for the content:
GasTech GmbH

Sales and Invoice address:
GasTech GmbH
Doncaster-Platz 5
45699 Herten

Production and Delivery address:
GasTech GmbH
Bonner Straße 305
42697 Solingen

Phone: + 49 212 8809 90
Fax: + 49 212 8809 99
E-Mail: info@gastech.de
Web: www.gastech.de

Managing Directors:
Wolfgang Groh, Michael Everwand

Place of business:
Solingen, Deutschland
register court: Wuppertal, HRB 24215
Vat number: DE 125415591

Bank details:

Volksbank Bochum
bank code 430 601 29
account no. 114 743 400
IBAN DE76430601290114743400
BIC GENODEM1BOC

Sparkasse Dortmund
bank code 440 501 99
account no. 361 006 275
IBAN DE33440501990361006275
BIC DORTDE33XXX

GasTech today – production under ideal conditions for the international markets

Precision and safety as well as innovative technique – that describes GasTech's philosophy. The establishment of a clean room was a milestone to enable a production under ideal conditions.
GasTech now fulfils the most demanding requirements concerning a clean and dust free atmosphere, which is permanently monitored. This creates a sense of security not only for GasTech but especially for the costumers.

„Our products are used in well-respected companies all over the world, where reliability and safety are absolutely crucial – if industrial or medical applications, our new production facilities are able to guarantee our customers the most possible safety, which is a big advantage for GasTech!" (Wolfgang Groh)

GasTech: Safety, precision, individual customizing, short delivery times – innovative technology for the international markets.
More than 20 years of technical expertise for high pure applications!

GasTech-customers: You can find GasTech products particularly in leading company groups of power engineering and automation technology, medical engineering, the biogas industry and in international operating institutes and universities.

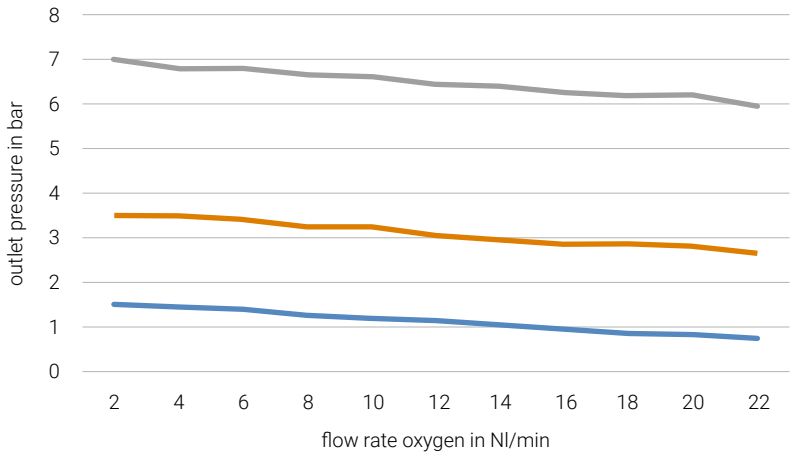
GasTech + Everwand – a good colaboration becomes a real partnership

Everwand customers are already familiar with the GasTech products, which were distributed under the label „HiLine". Thanks to the acquisition of 50% of the shares of GasTech the long lasting collaboration became a real partnership. GasTech is now an equal member of the group lead the Managing Directors Wolfgang Groh and Michael Everwand.

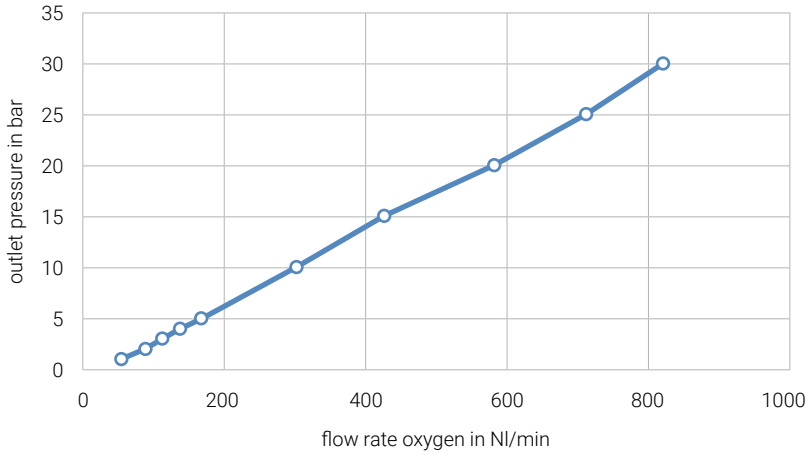
„The association of GasTech and Everwand is perfect: it's a classic win-win-situation, which offers nothing but advantages for all participants, especially for our customers." (Michael Everwand)

Both companies benefit from this „merger". GasTech gains with a strong and established partner planning reliability. The advantage for the Everwand group is to offer the entire spectrum of gas equipment, from technical gases to high purity gases. The shared use of certain sectors like purchase, design and engineering, production and communication encourages a higher efficiency and much more flexibility – a large benefit for the costumer.

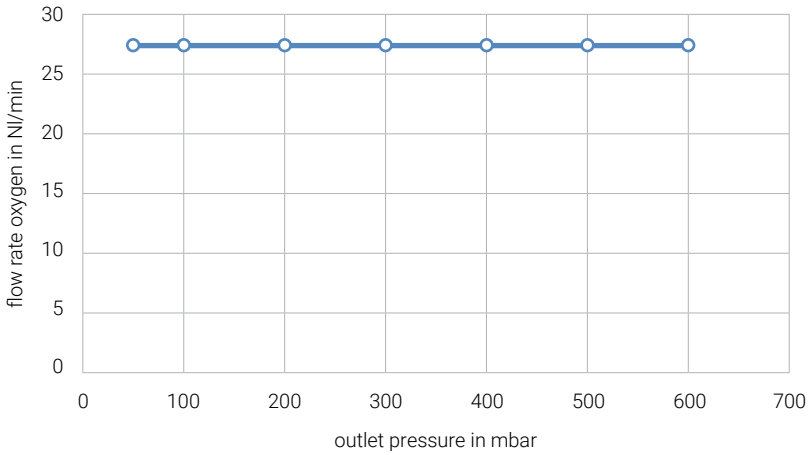
Flow rate curves SIGMA



Flow rate SIGMA



Flow rate OMEGA



other specifications on request

Cylinder regulator type Sigma 1BCH

single stage, acc. to **DIN EN ISO 2503,** inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 150 mm x 95 mm
Leakage rate	< 1x10^{-8} mbar l/s	Weight	1,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCH-1-00001	1BCH-1-SK1R-001-PI315-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCH-1-00005	1BCH-1-SK1R-006-PI315-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCH-1-00007	1BCH-1-SK1R-009-PI315-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCH-1-00009	1BCH-1-SK1R-010-PI315-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCH-1-00002	1BCH-1-SK1R-014-PI315-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCH-2-00001	1BCH-2-SK1R-001-PI315-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCH-2-00005	1BCH-2-SK1R-006-PI315-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCH-2-00007	1BCH-2-SK1R-009-PI315-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCH-2-00009	1BCH-2-SK1R-010-PI315-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCH-2-00002	1BCH-2-SK1R-014-PI315-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCH-3-00001	1BCH-3-SK1R-001-PI315-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCH-3-00005	1BCH-3-SK1R-006-PI315-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCH-3-00016	1BCH-3-SK1R-009-PI315-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCH-3-00015	1BCH-3-SK1R-010-PI315-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCH-3-00002	1BCH-3-SK1R-014-PI315-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCH-4-00001	1BCH-4-SK1R-001-PI315-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCH-4-00005	1BCH-4-SK1R-006-PI315-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCH-4-00007	1BCH-4-SK1R-009-PI315-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCH-4-00014	1BCH-4-SK1R-010-PI315-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCH-4-00002	1BCH-4-SK1R-014-PI315-PI025B-MA-VM6

Cylinder regulator type Sigma 1BCL

single stage, acc. to **DIN EN ISO 2503,** like 1BCH but inlet pressure up to 70 bar

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCL-1-00001	1BCL-1-SK1R-001-PI100-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCL-1-00003	1BCL-1-SK1R-006-PI100-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCL-1-00004	1BCL-1-SK1R-009-PI100-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCL-1-00005	1BCL-1-SK1R-010-PI100-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCL-1-00006	1BCL-1-SK1R-014-PI100-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCL-2-00005	1BCL-2-SK1R-001-PI100-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCL-2-00006	1BCL-2-SK1R-006-PI100-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCL-2-00007	1BCL-2-SK1R-009-PI100-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCL-2-00008	1BCL-2-SK1R-010-PI100-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCL-2-00009	1BCL-2-SK1R-014-PI100-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCL-3-00004	1BCL-3-SK1R-001-PI100-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCL-3-00005	1BCL-3-SK1R-006-PI100-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCL-3-00006	1BCL-3-SK1R-009-PI100-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCL-3-00007	1BCL-3-SK1R-010-PI100-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCL-3-00008	1BCL-3-SK1R-014-PI100-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCL-4-00001	1BCL-4-SK1R-001-PI100-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCL-4-00002	1BCL-4-SK1R-006-PI100-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCL-4-00003	1BCL-4-SK1R-009-PI100-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCL-4-00004	1BCL-4-SK1R-010-PI100-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCL-4-00005	1BCL-4-SK1R-014-PI100-PI025B-MA-VM6

Cylinder regulator type Sigma 2BCH

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 150 mm x 170 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	2,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCH-1-00001	2BCH-1-SK1R-001-PI315-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCH-1-00005	2BCH-1-SK1R-006-PI315-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCH-1-00021	2BCH-1-SK1R-009-PI315-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCH-1-00015	2BCH-1-SK1R-010-PI315-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCH-1-00002	2BCH-1-SK1R-014-PI315-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCH-2-00001	2BCH-2-SK1R-001-PI315-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCH-2-00005	2BCH-2-SK1R-006-PI315-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCH-2-00008	2BCH-2-SK1R-009-PI315-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCH-2-00012	2BCH-2-SK1R-010-PI315-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCH-2-00002	2BCH-2-SK1R-014-PI315-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCH-3-00001	2BCH-3-SK1R-001-PI315-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCH-3-00005	2BCH-3-SK1R-006-PI315-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCH-3-00017	2BCH-3-SK1R-009-PI315-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCH-3-00007	2BCH-3-SK1R-010-PI315-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCH-3-00002	2BCH-3-SK1R-014-PI315-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCH-4-00001	2BCH-4-SK1R-001-PI315-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCH-4-00005	2BCH-4-SK1R-006-PI315-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCH-4-00008	2BCH-4-SK1R-009-PI315-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCH-4-00009	2BCH-4-SK1R-010-PI315-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCH-4-00002	2BCH-4-SK1R-014-PI315-PI025B-MA-VM6

Cylinder regulator type Sigma 2BCL

double stage, acc. to **DIN EN ISO 2503**, like 2BCH but inlet pressure up to 70 bar

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCL-1-00001	2BCL-1-SK1R-001-PI100-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCL-1-00002	2BCL-1-SK1R-006-PI100-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCL-1-00003	2BCL-1-SK1R-009-PI100-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCL-1-00004	2BCL-1-SK1R-010-PI100-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCL-1-00005	2BCL-1-SK1R-014-PI100-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCL-2-00002	2BCL-2-SK1R-001-PI100-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCL-2-00001	2BCL-2-SK1R-006-PI100-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCL-2-00003	2BCL-2-SK1R-009-PI100-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCL-2-00004	2BCL-2-SK1R-010-PI100-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCL-2-00005	2BCL-2-SK1R-014-PI100-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCL-3-00004	2BCL-3-SK1R-001-PI100-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCL-3-00005	2BCL-3-SK1R-006-PI100-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCL-3-00006	2BCL-3-SK1R-009-PI100-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCL-3-00007	2BCL-3-SK1R-010-PI100-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCL-3-00008	2BCL-3-SK1R-014-PI100-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCL-4-00001	2BCL-4-SK1R-001-PI100-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCL-4-00002	2BCL-4-SK1R-006-PI100-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCL-4-00003	2BCL-4-SK1R-009-PI100-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCL-4-00004	2BCL-4-SK1R-010-PI100-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCL-4-00005	2BCL-4-SK1R-014-PI100-PI025B-MA-VM6

Cylinder regulator type Sigma 1SSH

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 and corrosive gases with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 150 mm x 95 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	1,2 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSH-1-00001	1SSH-1-SK1R-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSH-1-00020	1SSH-1-SK1R-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSH-1-00005	1SSH-1-SK1R-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSH-1-00022	1SSH-1-SK1R-008-PI250-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSH-1-00021	1SSH-1-SK1R-009-PI250-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSH-1-00007	1SSH-1-SK1R-010-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSH-1-00002	1SSH-1-SK1R-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSH-2-00001	1SSH-2-SK1R-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSH-2-00008	1SSH-2-SK1R-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSH-2-00005	1SSH-2-SK1R-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSH-2-00016	1SSH-2-SK1R-008-PI250-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSH-2-00017	1SSH-2-SK1R-009-PI250-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSH-2-00018	1SSH-2-SK1R-010-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSH-2-00002	1SSH-2-SK1R-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSH-3-00001	1SSH-3-SK1R-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSH-3-00017	1SSH-3-SK1R-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSH-3-00005	1SSH-3-SK1R-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSH-3-00012	1SSH-3-SK1R-008-PI250-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSH-3-00018	1SSH-3-SK1R-009-PI250-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSH-3-00010	1SSH-3-SK1R-010-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSH-3-00002	1SSH-3-SK1R-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSH-4-00001	1SSH-4-SK1R-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSH-4-00011	1SSH-4-SK1R-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSH-4-00005	1SSH-4-SK1R-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSH-4-00012	1SSH-4-SK1R-008-PI250-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSH-4-00008	1SSH-4-SK1R-009-PI250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSH-4-00007	1SSH-4-SK1R-010-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSH-4-00002	1SSH-4-SK1R-014-PI250-PI025B-MA-VM6

Cylinder regulator type Sigma 1SSL

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 70 bar compact design and precise control accuracy, for gas purity up to 6.0 and corrosive gases with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 150 mm x 95 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	1,2 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSL-1-00001	1SSL-1-SK1R-001-PI100-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSL-1-00006	1SSL-1-SK1R-005-PI100-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSL-1-00007	1SSL-1-SK1R-006-PI100-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSL-1-00008	1SSL-1-SK1R-008-PI100-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSL-1-00009	1SSL-1-SK1R-009-PI100-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSL-1-00010	1SSL-1-SK1R-010-PI100-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSL-1-00011	1SSL-1-SK1R-014-PI100-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSL-2-00012	1SSL-2-SK1R-001-PI100-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSL-2-00013	1SSL-2-SK1R-005-PI100-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSL-2-00005	1SSL-2-SK1R-006-PI100-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSL-2-00014	1SSL-2-SK1R-008-PI100-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSL-2-00015	1SSL-2-SK1R-009-PI100-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSL-2-00016	1SSL-2-SK1R-010-PI100-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSL-2-00017	1SSL-2-SK1R-014-PI100-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSL-3-00003	1SSL-3-SK1R-001-PI100-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSL-3-00004	1SSL-3-SK1R-005-PI100-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSL-3-00005	1SSL-3-SK1R-006-PI100-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSL-3-00002	1SSL-3-SK1R-008-PI100-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSL-3-00006	1SSL-3-SK1R-009-PI100-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSL-3-00007	1SSL-3-SK1R-010-PI100-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSL-3-00008	1SSL-3-SK1R-014-PI100-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSL-4-00001	1SSL-4-SK1R-001-PI100-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSL-4-00002	1SSL-4-SK1R-005-PI100-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSL-4-00003	1SSL-4-SK1R-006-PI100-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSL-4-00004	1SSL-4-SK1R-008-PI100-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSL-4-00005	1SSL-4-SK1R-009-PI100-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSL-4-00006	1SSL-4-SK1R-010-PI100-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSL-4-00007	1SSL-4-SK1R-014-PI100-PI025B-MA-VM6

Cylinder regulator type Sigma 2SSH

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 and corrosive gases with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 150 mm x 170 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	2,0 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSH-1-00001	2SSH-1-SK1R-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSH-1-00013	2SSH-1-SK1R-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSH-1-00005	2SSH-1-SK1R-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSH-1-00014	2SSH-1-SK1R-008-PI250-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSH-1-00015	2SSH-1-SK1R-009-PI250-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSH-1-00016	2SSH-1-SK1R-010-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSH-1-00002	2SSH-1-SK1R-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSH-2-00001	2SSH-2-SK1R-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSH-2-00012	2SSH-2-SK1R-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSH-2-00005	2SSH-2-SK1R-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSH-2-00013	2SSH-2-SK1R-008-PI250-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSH-2-00014	2SSH-2-SK1R-009-PI250-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSH-2-00015	2SSH-2-SK1R-010-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSH-2-00002	2SSH-2-SK1R-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSH-3-00001	2SSH-3-SK1R-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSH-3-00014	2SSH-3-SK1R-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSH-3-00005	2SSH-3-SK1R-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSH-3-00007	2SSH-3-SK1R-008-PI250-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSH-3-00015	2SSH-3-SK1R-009-PI250-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSH-3-00008	2SSH-3-SK1R-010-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSH-3-00002	2SSH-3-SK1R-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSH-4-00001	2SSH-4-SK1R-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSH-4-00012	2SSH-4-SK1R-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSH-4-00005	2SSH-4-SK1R-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSH-4-00013	2SSH-4-SK1R-008-PI250-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSH-4-00014	2SSH-4-SK1R-009-PI250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSH-4-00015	2SSH-4-SK1R-010-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSH-4-00002	2SSH-4-SK1R-014-PI250-PI025B-MA-VM6

Cylinder regulator type Sigma 2SSL

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 70 bar compact design and precise control accuracy, for gas purity up to 6.0 and corrosive gases with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 150 mm x 170 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	2,0 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSL-1-00001	2SSL-1-SK1R-001-PI100-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSL-1-00002	2SSL-1-SK1R-005-PI100-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSL-1-00003	2SSL-1-SK1R-006-PI100-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSL-1-00004	2SSL-1-SK1R-008-PI100-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSL-1-00005	2SSL-1-SK1R-009-PI100-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSL-1-00006	2SSL-1-SK1R-010-PI100-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSL-1-00007	2SSL-1-SK1R-014-PI100-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSL-2-00002	2SSL-2-SK1R-001-PI100-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSL-2-00003	2SSL-2-SK1R-005-PI100-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSL-2-00001	2SSL-2-SK1R-006-PI100-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSL-2-00004	2SSL-2-SK1R-008-PI100-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSL-2-00005	2SSL-2-SK1R-009-PI100-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSL-2-00006	2SSL-2-SK1R-010-PI100-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSL-2-00007	2SSL-2-SK1R-014-PI100-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSL-3-00001	2SSL-3-SK1R-001-PI100-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSL-3-00002	2SSL-3-SK1R-005-PI100-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSL-3-00003	2SSL-3-SK1R-006-PI100-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSL-3-00004	2SSL-3-SK1R-008-PI100-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSL-3-00005	2SSL-3-SK1R-009-PI100-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSL-3-00006	2SSL-3-SK1R-010-PI100-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSL-3-00007	2SSL-3-SK1R-014-PI100-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSL-4-00001	2SSL-4-SK1R-001-PI100-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSL-4-00002	2SSL-4-SK1R-005-PI100-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSL-4-00003	2SSL-4-SK1R-006-PI100-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSL-4-00004	2SSL-4-SK1R-008-PI100-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSL-4-00005	2SSL-4-SK1R-009-PI100-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSL-4-00006	2SSL-4-SK1R-010-PI100-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSL-4-00007	2SSL-4-SK1R-014-PI100-PI025B-MA-VM6

Cylinder regulator type Sigma 1MH

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, made from monel for gas purity up to 6.0 and high corrosive gases with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	Hastelloy	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	Hastelloy C276	W x H x D	180 mm x 150 mm x 95 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	1,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1MH-1-00001	1MH-1-SK1R-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1MH-1-00005	1MH-1-SK1R-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1MH-1-00006	1MH-1-SK1R-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1MH-1-00003	1MH-1-SK1R-008-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1MH-1-00007	1MH-1-SK1R-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1MH-2-00001	1MH-2-SK1R-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1MH-2-00002	1MH-2-SK1R-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1MH-2-00003	1MH-2-SK1R-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1MH-2-00004	1MH-2-SK1R-008-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1MH-2-00005	1MH-2-SK1R-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1MH-3-00003	1MH-3-SK1R-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1MH-3-00004	1MH-3-SK1R-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1MH-3-00005	1MH-3-SK1R-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1MH-3-00006	1MH-3-SK1R-008-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1MH-3-00007	1MH-3-SK1R-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1MH-4-00001	1MH-4-SK1R-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1MH-4-00002	1MH-4-SK1R-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1MH-4-00003	1MH-4-SK1R-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1MH-4-00004	1MH-4-SK1R-008-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1MH-4-00005	1MH-4-SK1R-014-PI250-PI025B-MA-VM6

Cylinder regulator type Sigma 1ML

single stage, acc. to **DIN EN ISO 2503**, like 1MH but inlet pressure up to 200 bar 70 bar

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1ML-1-00004	1ML-1-SK1R-001-PI100-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1ML-1-00005	1ML-1-SK1R-005-PI100-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1ML-1-00006	1ML-1-SK1R-006-PI100-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1ML-1-00003	1ML-1-SK1R-008-PI100-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1ML-1-00007	1ML-1-SK1R-014-PI100-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1ML-2-00006	1ML-2-SK1R-001-PI100-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1ML-2-00007	1ML-2-SK1R-005-PI100-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1ML-2-00008	1ML-2-SK1R-006-PI100-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1ML-2-00004	1ML-2-SK1R-008-PI100-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1ML-2-00005	1ML-2-SK1R-014-PI100-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1ML-3-00003	1ML-3-SK1R-001-PI100-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1ML-3-00004	1ML-3-SK1R-005-PI100-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1ML-3-00005	1ML-3-SK1R-006-PI100-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1ML-3-00006	1ML-3-SK1R-008-PI100-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1ML-3-00007	1ML-3-SK1R-014-PI100-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1ML-4-00001	1ML-4-SK1R-001-PI100-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1ML-4-00002	1ML-4-SK1R-005-PI100-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1ML-4-00003	1ML-4-SK1R-006-PI100-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1ML-4-00004	1ML-4-SK1R-008-PI100-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1ML-4-00005	1ML-4-SK1R-014-PI100-PI025B-MA-VM6

In-line regulator type Sigma 1BCLH

single stage, acc. to **DIN EN ISO 7291**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	1/4" NPT-F
Seals	EPDM, PTFE, PVDF	Outlet	1/4" NPT-F
Diaphragm	stainless steel	W x H x D	120 mm x 150 mm x 95 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	1,0 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- inlet or outlet connections and other pressure ranges on request

Pressure	Article-no.	Description
0 - 1,5 bar	1BCLH-1-00001	1BCLH-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	1BCLH-2-00001	1BCLH-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	1BCLH-3-00001	1BCLH-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	1BCLH-4-00001	1BCLH-4-NF4R-PI000-PI025B-MA-NF4

In-line regulator type Sigma 1BCLL

single stage, acc. to **DIN EN ISO 7291**, like 1BCLH but inlet pressure up to 70 bar

Pressure	Article-no.	Description
0 - 1,5 bar	1BCLL-1-00001	1BCLL-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	1BCLL-2-00001	1BCLL-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	1BCLL-3-00001	1BCLL-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	1BCLL-4-00001	1BCLL-4-NF4R-PI000-PI025B-MA-NF4

In-line regulator type Sigma 2BCLH

double stage, acc. to **DIN EN ISO 7291**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	1/4" NPT-F
Seals	EPDM, PTFE, PVDF	Outlet	1/4" NPT-F
Diaphragm	stainless steel	W x H x D	120 mm x 150 mm x 170 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	1,8 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Pressure	Article-no.	Description
0 - 1,5 bar	2BCLH-1-00001	2BCLH-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	2BCLH-2-00001	2BCLH-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	2BCLH-3-00001	2BCLH-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	2BCLH-4-00001	2BCLH-4-NF4R-PI000-PI025B-MA-NF4

In-line regulator type Sigma 2BCLL

double stage, acc. to **DIN EN ISO 7291**, like 2BCLH but inlet pressure up to 70 bar

Pressure	Article-no.	Description
0 - 1,5 bar	2BCLL-1-00001	2BCLL-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	2BCLL-2-00001	2BCLL-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	2BCLL-3-00001	2BCLL-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	2BCLL-4-00001	2BCLL-4-NF4R-PI000-PI025B-MA-NF4

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- inlet or outlet connections and other pressure ranges on request

In-line regulator type Sigma 1SSLH

single stage, acc. to **DIN EN ISO 7291**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 and corrosive gases with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	stainless steel	Inlet	1/4" NPT-F
Seals	EPDM, PTFE, PVDF	Outlet	1/4" NPT-F
Diaphragm	stainless steel	W x H x D	120 mm x 150 mm x 95 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	1,0 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- inlet or outlet connections and other pressure ranges on request

Pressure	Article-no.	Description
0 - 1,5 bar	1SSLH-1-00001	1SSLH-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	1SSLH-2-00001	1SSLH-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	1SSLH-3-00001	1SSLH-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	1SSLH-4-00001	1SSLH-4-NF4R-PI000-PI025B-MA-NF4

In-line regulator type Sigma 1SSLL

single stage, acc. to **DIN EN ISO 7291**, like 1SSLH but inlet pressure up to 70 bar

Pressure	Article-no.	Description
0 - 1,5 bar	1SSLL-1-00001	1SSLL-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	1SSLL-2-00001	1SSLL-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	1SSLL-3-00001	1SSLL-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	1SSLL-4-00001	1SSLL-4-NF4R-PI000-PI025B-MA-NF4

In-line regulator type Sigma 2SSLH

double stage, acc. to **DIN EN ISO 7291**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	stainless steel	Inlet	1/4" NPT-F
Seals	EPDM, PTFE, PVDF	Outlet	1/4" NPT-F
Diaphragm	stainless steel	W x H x D	120 mm x150mm x 170 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	1,7 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- inlet or outlet connections and other pressure ranges on request

Pressure	Article-no.	Description
0 - 1,5 bar	2SSLH-1-00001	2SSLH-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	2SSLH-2-00001	2SSLH-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	2SSLH-3-00001	2SSLH-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	2SSLH-4-00001	2SSLH-4-NF4R-PI000-PI025B-MA-NF4

In-line regulator type Sigma 2SSLL

double stage, acc. to **DIN EN ISO 7291,** like 2SSLH but inlet pressure up to 70 bar

Pressure	Article-no.	Description
0 - 1,5 bar	2SSLL-1-00001	2SSLL-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	2SSLL-2-00001	2SSLL-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	2SSLL-3-00001	2SSLL-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	2SSLL-4-00001	2SSLL-4-NF4R-PI000-PI025B-MA-NF4

Cylinder regulator type Sigma 1BCH-F with flowmeter

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet gauge Ø 50 mm acc. to **EN 837** and flowmeter for precise control of the flow, please indicate before offer/order the requested working pressure and flow range, with 1 relief valve

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 210 mm x 120 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	1,7 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Gas type	Connection	Article-no.
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	on request
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	

Cylinder regulator type Sigma 2BCH-F with flowmeter

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet gauge Ø 50 mm acc. to **EN 837** and **flowmeter for precise control of the flow, please indicate before offer/order the requested working pressure and flow range**, with 2 relief valves

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 210 mm x 210 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	2,5 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Gas type	Connection	Article-no.
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	on request
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	

Cylinder regulator type Sigma 1SSH-F with flowmeter

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet gauge Ø 50 mm acc. to **EN 837** and **flowmeter for precise control of the flow, please indicate before offer/order the requested working pressure and flow range**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	175 mm x 210 mm x 90 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	1,6 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Gas type	Connection	Article-no.
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	on request
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	

Cylinder regulator type Sigma 2SSH-F with flowmeter

double stage, acc. to **DIN EN ISO 2503,** inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet gauge Ø 50 mm acc. to **EN 837** and **flowmeter for prices control of the flow, please indicate before offer/order the requested working pressure and flow range**, with 2 relief valves

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 210 mm x 210 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	2,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Gas type	Connection	Article-no.
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	on request
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	

Internal and external purge systems

Add-on system for cylinder regulators, brass chrome-plated or stainless steel, pre-assembled with 2/3 shut off valves for single cylinder regulator and single manifold as well as with 4/6 shut off valves for two side manifolds internal and external purge systems

Technical Data			Flow chart see page 5
Body	see below	Inlet	acc. to DIN 477-1
Seals	PTFE, FKM	Outlet	clamp ring 6 mm
Leakage rate	< $1x10^{-9}$ mbar l/s	W x H x D	90 mm x 230 mm x 85 mm
Temperature	-40 up to +70 °C	Weight	ES 0,7 kg / FS 1,0 kg
		Cv-value	0,37 (larger on request)

Bauform	Material	zum Anschluss an	Article-no.	Description
internal purge system ES BC	brass chrome-plated	regulator Sigma/Omega 1/2 BC	440-00001	ES BG DRS-1BC1; DRS-2BC1. module internal purge system BC 6mm
external purge FS BC	brass chrome-plated	regulator Sigma/Omega 1/2 BC	440-00015	FS BG DRS-1BC1; DRS-2BC1. module external purge BC 6mm
internal purge system ES SS	stainless steel	regulator Sigma/Omega 1/2 SS	440-00004	ES BG DRS-1SS1; DRS-2SS1. module internal purge system SS 6mm
external purge FS SS	stainless steel	regulator Sigma/Omega 1/2 SS	440-00007	FS BG DRS-1SS1; DRS-2SS1. module external purge SS 6mm

Compact regulator type Alpha A1AL

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar, very compact design, for gas purity up to 5.0, with Filter 100 µm, with working pressure gauge Ø 40 mm acc. to **ISO 5171**, with relief valve, pre-adjusted

Technical Data			Flow chart see page 5
Body	aluminium anodized	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE	Outlet	1/8" NPT-F
Plunger	brass + seal PTFE	W x H x D	45 mm x 95 mm x 115 mm
Leakage rate	< $1x10^{-7}$ mbar l/s	Weight	0,35 kg
Temperature	-20 up to +50 °C	Cv-value	–

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0,7 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-01-00001	A1AL-01-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-01-00002	A1AL-01-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-01-00003	A1AL-01-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-01-00004	A1AL-01-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-01-00005	A1AL-01-HD1H-014-PI250-PI000B-MA-NF2
1,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-02-00001	A1AL-02-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-02-00002	A1AL-02-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-02-00003	A1AL-02-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-02-00004	A1AL-02-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-02-00005	A1AL-02-HD1H-014-PI250-PI000B-MA-NF2
1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-03-00001	A1AL-03-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-03-00002	A1AL-03-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-03-00003	A1AL-03-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-03-00004	A1AL-03-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-03-00005	A1AL-03-HD1H-014-PI250-PI000B-MA-NF2
2,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-04-00001	A1AL-04-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-04-00002	A1AL-04-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-04-00003	A1AL-04-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-04-00004	A1AL-04-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-04-00005	A1AL-04-HD1H-014-PI250-PI000B-MA-NF2
3,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-05-00001	A1AL-05-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-05-00002	A1AL-05-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-05-00003	A1AL-05-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-05-00004	A1AL-05-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-05-00005	A1AL-05-HD1H-014-PI250-PI000B-MA-NF2
3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-06-00001	A1AL-06-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-06-00002	A1AL-06-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-06-00003	A1AL-06-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-06-00004	A1AL-06-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-06-00005	A1AL-06-HD1H-014-PI250-PI000B-MA-NF2
5,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-07-00001	A1AL-07-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-07-00002	A1AL-07-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-07-00003	A1AL-07-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-07-00004	A1AL-07-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-07-00005	A1AL-07-HD1H-014-PI250-PI000B-MA-NF2
9,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-08-00001	A1AL-08-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-08-00002	A1AL-08-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-08-00003	A1AL-08-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-08-00004	A1AL-08-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-08-00005	A1AL-08-HD1H-014-PI250-PI000B-MA-NF2
10,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-09-00001	A1AL-09-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-09-00002	A1AL-09-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-09-00003	A1AL-09-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-09-00004	A1AL-09-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-09-00005	A1AL-09-HD1H-014-PI250-PI000B-MA-NF2

Precision cylinder regulator type Omega 1BCFDR

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 16 bar compact design and precise control accuracy, for gas purity up to 5.0 with inlet filter 50 µm, with inlet and working gauge Ø 63 mm acc. to **EN 837,** with 1 relief valve

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	230 mm x 180 mm x 95 mm
Leakage rate	< 1x10^{-8} mbar l/s	Weight	2,5 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
5 - 50 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCFDR-1-00004	1BCFDR-1-SK1R-001-PI025-PI060MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCFDR-1-00005	1BCFDR-1-SK1R-006-PI025-PI060MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCFDR-1-00006	1BCFDR-1-SK1R-014-PI025-PI060MB-MA-VM6
15 - 150 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCFDR-2-00004	1BCFDR-2-SK1R-001-PI025-PI160MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCFDR-2-00005	1BCFDR-2-SK1R-006-PI025-PI160MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCFDR-2-00006	1BCFDR-2-SK1R-014-PI025-PI160MB-MA-VM6
30 - 300 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCFDR-3-00004	1BCFDR-3-SK1R-001-PI025-PI400MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCFDR-3-00005	1BCFDR-3-SK1R-006-PI025-PI400MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCFDR-3-00006	1BCFDR-3-SK1R-014-PI025-PI400MB-MA-VM6
50 - 500 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCFDR-4-00004	1BCFDR-4-SK1R-001-PI025-PI600MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCFDR-4-00005	1BCFDR-4-SK1R-006-PI025-PI600MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCFDR-4-00006	1BCFDR-4-SK1R-014-PI025-PI600MB-MA-VM6

Precision cylinder regulator type Omega 2BCFDR

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet and working gauge Ø 50/63 mm acc. to **EN 837**, with 2 relief valves

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	280 mm x 180 mm x 95 mm
Leakage rate	< 1x10^{-8} mbar l/s	Weight	3,5 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
5 - 50 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCFDR-1-00006	2BCFDR-1-SK1R-001-PI315-PI060MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCFDR-1-00008	2BCFDR-1-SK1R-006-PI315-PI060MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCFDR-1-00009	2BCFDR-1-SK1R-009-PI315-PI060MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCFDR-1-00007	2BCFDR-1-SK1R-010-PI315-PI060MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCFDR-1-00010	2BCFDR-1-SK1R-014-PI315-PI060MB-MA-VM6
15 - 150 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCFDR-2-00009	2BCFDR-2-SK1R-001-PI315-PI160MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCFDR-2-00010	2BCFDR-2-SK1R-006-PI315-PI160MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCFDR-2-00011	2BCFDR-2-SK1R-009-PI315-PI160MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCFDR-2-00012	2BCFDR-2-SK1R-010-PI315-PI160MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCFDR-2-00013	2BCFDR-2-SK1R-014-PI315-PI160MB-MA-VM6
30 - 300 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCFDR-3-00009	2BCFDR-3-SK1R-001-PI315-PI400MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCFDR-3-00010	2BCFDR-3-SK1R-006-PI315-PI400MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCFDR-3-00011	2BCFDR-3-SK1R-009-PI315-PI400MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCFDR-3-00012	2BCFDR-3-SK1R-010-PI315-PI400MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCFDR-3-00013	2BCFDR-3-SK1R-014-PI315-PI400MB-MA-VM6
50 - 500 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCFDR-4-00006	2BCFDR-4-SK1R-001-PI315-PI600MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCFDR-4-00007	2BCFDR-4-SK1R-006-PI315-PI600MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCFDR-4-00008	2BCFDR-4-SK1R-009-PI315-PI600MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCFDR-4-00009	2BCFDR-4-SK1R-010-PI315-PI600MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCFDR-4-00010	2BCFDR-4-SK1R-014-PI315-PI600MB-MA-VM6

Precision cylinder regulator type Omega 1SSFDR

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 16 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837,** with 1 relief valve

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	230 mm x 180 mm x 95 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	2,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
5 - 50 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSFDR-1-00008	1SSFDR-1-SK1R-001-PI025-PI060MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSFDR-1-00009	1SSFDR-1-SK1R-005-PI025-PI060MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSFDR-1-00010	1SSFDR-1-SK1R-006-PI025-PI060MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSFDR-1-00011	1SSFDR-1-SK1R-008-PI025-PI060MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSFDR-1-00012	1SSFDR-1-SK1R-014-PI025-PI060MB-MA-VM6
15 - 150 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSFDR-2-00007	1SSFDR-2-SK1R-001-PI025-PI160MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSFDR-2-00008	1SSFDR-2-SK1R-005-PI025-PI160MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSFDR-2-00009	1SSFDR-2-SK1R-006-PI025-PI160MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSFDR-2-00010	1SSFDR-2-SK1R-008-PI025-PI160MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSFDR-2-00011	1SSFDR-2-SK1R-014-PI025-PI160MB-MA-VM6
30 - 300 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSFDR-3-00006	1SSFDR-3-SK1R-001-PI025-PI400MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSFDR-3-00007	1SSFDR-3-SK1R-005-PI025-PI400MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSFDR-3-00008	1SSFDR-3-SK1R-006-PI025-PI400MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSFDR-3-00009	1SSFDR-3-SK1R-008-PI025-PI400MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSFDR-3-00010	1SSFDR-3-SK1R-014-PI025-PI400MB-MA-VM6
50 - 500 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSFDR-4-00007	1SSFDR-4-SK1R-001-PI025-PI600MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSFDR-4-00008	1SSFDR-4-SK1R-005-PI025-PI600MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSFDR-4-00009	1SSFDR-4-SK1R-006-PI025-PI600MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSFDR-4-00010	1SSFDR-4-SK1R-008-PI025-PI600MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSFDR-4-00011	1SSFDR-4-SK1R-014-PI025-PI600MB-MA-VM6

Precision cylinder regulator type Omega 2SSFDR

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 2 relief valves

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	280 mm x 200 mm x 95 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	3,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
5 - 50 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSFDR 1-00008	2SSFDR-1-SK1R-001-PI250-PI060MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSFDR-1-00009	2SSFDR-1-SK1R-005-PI250-PI060MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSFDR-1-00010	2SSFDR-1-SK1R-006-PI250-PI060MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSFDR-1-00011	2SSFDR-1-SK1R-008-PI250-PI060MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSFDR-1-00012	2SSFDR-1-SK1R-009-PI250-PI060MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSFDR-1-00013	2SSFDR-1-SK1R-010-PI250-PI060MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSFDR-1-00014	2SSFDR-1-SK1R-014-PI250-PI060MB-MA-VM6
15 - 150 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSFDR-2-00008	2SSFDR-2-SK1R-001-PI250-PI160MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSFDR-2-00009	2SSFDR-2-SK1R-005-PI250-PI160MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSFDR-2-00010	2SSFDR-2-SK1R-006-PI250-PI160MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSFDR-2-00011	2SSFDR-2-SK1R-008-PI250-PI160MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSFDR-2-00012	2SSFDR-2-SK1R-009-PI250-PI160MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSFDR-2-00013	2SSFDR-2-SK1R-010-PI250-PI160MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSFDR-2-00014	2SSFDR-2-SK1R-014-PI250-PI160MB-MA-VM6
30 - 300 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSFDR-3-00009	2SSFDR-3-SK1R-001-PI250-PI400MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSFDR-3-00010	2SSFDR-3-SK1R-005-PI250-PI400MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSFDR-3-00011	2SSFDR-3-SK1R-006-PI250-PI400MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSFDR-3-00012	2SSFDR-3-SK1R-008-PI250-PI400MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSFDR-3-00013	2SSFDR-3-SK1R-009-PI250-PI400MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSFDR-3-00014	2SSFDR-3-SK1R-010-PI250-PI400MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSFDR-3-00015	2SSFDR-3-SK1R-014-PI250-PI400MB-MA-VM6
50 - 500 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSFDR-4-00008	2SSFDR-4-SK1R-001-PI250-PI600MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSFDR-4-00009	2SSFDR-4-SK1R-005-PI250-PI600MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSFDR-4-00010	2SSFDR-4-SK1R-006-PI250-PI600MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSFDR-4-00011	2SSFDR-4-SK1R-008-PI250-PI600MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSFDR-4-00012	2SSFDR-4-SK1R-009-PI250-PI600MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSFDR-4-00013	2SSFDR-4-SK1R-010-PI250-PI600MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSFDR-4-00014	2SSFDR-4-SK1R-014-PI250-PI600MB-MA-VM6

Precision in-line regulator type Omega 1BCLFDR

single stage, acc. to **DIN EN ISO 7291**, inlet pressure up to 16 bar, compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50/63 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	clamp ring 6 mm
Seals	EPDM, PTFE	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	170 mm x 165 mm x 85 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	2,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Article-no.	Description
5 - 50 mbar	1BCLFDR-1-00004	1BCLFDR-1-VM6R-PI000-PI060MB-MA-VM6
15 - 150 mbar	1BCLFDR-2-00006	1BCLFDR-2-VM6R-PI000-PI160MB-MA-VM6
30 - 300 mbar	1BCLFDR-3-00003	1BCLFDR-3-VM6R-PI000-PI400MB-MA-VM6
50 - 500 mbar	1BCLFDR-4-00007	1BCLFDR-4-VM6R-PI000-PI600MB-MA-VM6

In-line regulator type Omega 2BCLFDR

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar, compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50/63 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	clamp ring 6 mm
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	280 mm x 180 mm x 95 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	3,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Article-no.	Description
5 - 50 mbar	2BCLFDR-1-00003	2BCLFDR-1-VM6R-PI000-PI060MB-MA-VM6
15 - 150 mbar	2BCLFDR-2-00002	2BCLFDR-2-VM6R-PI000-PI160MB-MA-VM6
30 - 300 mbar	2BCLFDR-3-00002	2BCLFDR-3-VM6R-PI000-PI400MB-MA-VM6
50 - 500 mbar	2BCLFDR-4-00002	2BCLFDR-4-VM6R-PI000-PI600MB-MA-VM6

In-line regulator type Omega 1SSLFDR

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 16 bar, compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50/63 mm acc. to **EN 837**, with 1 relief valve

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	clamp ring 6 mm
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	170 mm x 180 mm x 95 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	2,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Article-no.	Description
5 - 50 mbar	1SSLFDR-1-00004	1SSLFDR-1-VM6R-PI000-PI060MB-MA-VM6
15 - 150 mbar	1SSLFDR-2-00003	1SSLFDR-2-VM6R-PI000-PI160MB-MA-VM6
30 - 300 mbar	1SSLFDR-3-00003	1SSLFDR-3-VM6R-PI000-PI400MB-MA-VM6
50 - 500 mbar	1SSLFDR-4-00006	1SSLFDR-4-VM6R-PI000-PI600MB-MA-VM6

In-line regulator type Omega 2SSLFDR

double stage, acc. to **DIN EN ISO 2503,** inlet pressure up to 200 bar, compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837**, with 2 relief valves

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	clamp ring 6 mm
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	280 mm x 180 mm x 95 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	3,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request

Pressure	Article-no.	Description
5 - 50 mbar	2SSLFDR-1-00003	2SSLFDR-1-VM6R-PI000-PI060MB-MA-VM6
15 - 150 mbar	2SSLFDR-2-00001	2SSLFDR-2-VM6R-PI000-PI160MB-MA-VM6
30 - 300 mbar	2SSLFDR-3-00001	2SSLFDR-3-VM6R-PI000-PI400MB-MA-VM6
50 - 500 mbar	2SSLFDR-4-00001	2SSLFDR-4-VM6R-PI000-PI600MB-MA-VM6

Manifold manual type DRS 1BC1

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	160 mm x 140 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	2,2 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- extensions for 2 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-1-00001	DRS-1BC1-1-SK1R-001-PI315-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-1-00004	DRS-1BC1-1-SK1R-006-PI315-PI003B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-1-00005	DRS-1BC1-1-SK1R-009-PI315-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-1-00006	DRS-1BC1-1-SK1R-010-PI315-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-1-00007	DRS-1BC1-1-SK1R-014-PI315-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-2-00001	DRS-1BC1-2-SK1R-001-PI315-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-2-00010	DRS-1BC1-2-SK1R-006-PI315-PI005B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-2-00003	DRS-1BC1-2-SK1R-009-PI315-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-2-00011	DRS-1BC1-2-SK1R-010-PI315-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-2-00012	DRS-1BC1-2-SK1R-014-PI315-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-3-00001	DRS-1BC1-3-SK1R-001-PI315-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-3-00009	DRS-1BC1-3-SK1R-006-PI315-PI009B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-3-00015	DRS-1BC1-3-SK1R-009-PI315-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-3-00010	DRS-1BC1-3-SK1R-010-PI315-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-3-00016	DRS-1BC1-3-SK1R-014-PI315-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-4-00001	DRS-1BC1-4-SK1R-001-PI315-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-4-00006	DRS-1BC1-4-SK1R-006-PI315-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-4-00007	DRS-1BC1-4-SK1R-009-PI315-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-4-00005	DRS-1BC1-4-SK1R-010-PI315-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-4-00010	DRS-1BC1-4-SK1R-014-PI315-PI025B-MA-VM6

Manifold manual type DRS 1BC1 with internal purge system

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	230 mm x 180 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	3,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- extensions for 2 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-1-00002	DRS-1BC1-1-SK1R-001-PI315-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-1-00011	DRS-1BC1-1-SK1R-006-PI315-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-1-00012	DRS-1BC1-1-SK1R-009-PI315-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-1-00019	DRS-1BC1-1-SK1R-009-PI315-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-1-00009	DRS-1BC1-1-SK1R-010-PI315-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-1-00013	DRS-1BC1-1-SK1R-014-PI315-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-2-00002	DRS-1BC1-2-SK1R-001-PI315-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-2-00015	DRS-1BC1-2-SK1R-006-PI315-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-2-00018	DRS-1BC1-2-SK1R-009-PI315-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-2-00026	DRS-1BC1-2-SK1R-009-PI315-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-2-00019	DRS-1BC1-2-SK1R-010-PI315-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-2-00020	DRS-1BC1-2-SK1R-014-PI315-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-3-00002	DRS-1BC1-3-SK1R-001-PI315-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-3-00006	DRS-1BC1-3-SK1L-006-PI315-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-3-00007	DRS-1BC1-3-SK1R-009-PI315-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-3-00036	DRS-1BC1-3-SK1R-009-PI315-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-3-00003	DRS-1BC1-3-SK1R-010-PI315-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-3-00017	DRS-1BC1-3-SK1R-014-PI315-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-4-00002	DRS-1BC1-4-SK1R-001-PI315-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-4-00023	DRS-1BC1-4-SK1R-006-PI315-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-4-00025	DRS-1BC1-4-SK1R-009-PI315-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-4-00043	DRS-1BC1-4-SK1R-009-PI315-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-4-00036	DRS-1BC1-4-SK1R-010-PI315-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-4-00026	DRS-1BC1-4-SK1R-014-PI315-PI025B-MA-VM6-ES

Manifold manual type DRS 2BC1

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	160 mm x 140 mm x 180 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	2,9 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- extensions for 2 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-1-00006	DRS-2BC1-1-SK1R-001-PI315-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-1-00007	DRS-2BC1-1-SK1R-006-PI315-PI003B-MA-VM6
	synthetic oxygen / oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-1-00008	DRS-2BC1-1-SK1R-009-PI315-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-1-00002	DRS-2BC1-1-SK1R-010-PI315-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-1-00004	DRS-2BC1-1-SK1R-014-PI315-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-2-00001	DRS-2BC1-2-SK1R-001-PI315-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-2-00007	DRS-2BC1-2-SK1R-006-PI315-PI005B-MA-VM6
	synthetic oxygen / oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-2-00002	DRS-2BC1-2-SK1R-009-PI315-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-2-00008	DRS-2BC1-2-SK1R-010-PI315-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-2-00009	DRS-2BC1-2-SK1R-014-PI315-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-3-00007	DRS-2BC1-3-SK1R-001-PI315-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-3-00015	DRS-2BC1-3-SK1R-006-PI315-PI009B-MA-VM6
	synthetic oxygen / oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-3-00011	DRS-2BC1-3-SK1R-009-PI315-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-3-00016	DRS-2BC1-3-SK1R-010-PI315-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-3-00008	DRS-2BC1-3-SK1R-014-PI315-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-4-00001	DRS-2BC1-4-SK1R-001-PI315-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-4-00002	DRS-2BC1-4-SK1R-006-PI315-PI025B-MA-VM6
	synthetic oxygen / oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-4-00003	DRS-2BC1-4-SK1R-009-PI315-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-4-00004	DRS-2BC1-4-SK1R-010-PI315-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-4-00005	DRS-2BC1-4-SK1R-014-PI315-PI025B-MA-VM6

Manifold manual type DRS 2BC1 with internal purge system

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	230 mm x 180 mm x 180 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	4,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- extensions for 2 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-1-00018	DRS-2BC1-1-SK1R-001-PI315-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-1-00019	DRS-2BC1-1-SK1R-006-PI315-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-1-00020	DRS-2BC1-1-SK1R-009-PI315-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-1-00023	DRS-2BC1-1-SK1R-009-PI315-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-1-00003	DRS-2BC1-1-SK1R-010-PI315-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-1-00021	DRS-2BC1-1-SK1R-014-PI315-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-2-00013	DRS-2BC1-2-SK1R-001-PI315-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-2-00018	DRS-2BC1-2-SK1R-006-PI315-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-2-00017	DRS-2BC1-2-SK1R-009-PI315-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-2-00022	DRS-2BC1-2-SK1R-009-PI315-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-2-00005	DRS-2BC1-2-SK1R-010-PI315-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-2-00006	DRS-2BC1-2-SK1R-014-PI315-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-3-00001	DRS-2BC1-3-SK1R-001-PI315-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-3-00009	DRS-2BC1-3-SK1R-006-PI315-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-3-00014	DRS-2BC1-3-SK1R-009-PI315-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-3-00028	DRS-2BC1-3-SK1R-009-PI315-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-3-00002	DRS-2BC1-3-SK1R-010-PI315-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-3-00003	DRS-2BC1-3-SK1R-014-PI315-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-4-00006	DRS-2BC1-4-SK1R-001-PI315-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-4-00007	DRS-2BC1-4-SK1R-006-PI315-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-4-00008	DRS-2BC1-4-SK1R-009-PI315-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-4-00011	DRS-2BC1-4-SK1R-009-PI315-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-4-00009	DRS-2BC1-4-SK1R-010-PI315-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-4-00010	DRS-2BC1-4-SK1R-014-PI315-PI025B-MA-VM6-ES

Manifold manual type DRS 1SS1

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	160 mm x 140 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	2,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- extensions for 2 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-1-00007	DRS-1SS1-1-SK1R-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-1-00009	DRS-1SS1-1-SK1R-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-1-00008	DRS-1SS1-1-SK1R-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-1-00010	DRS-1SS1-1-SK1R-008-PI250-PI003B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-1-00011	DRS-1SS1-1-SK1R-009-PI250-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-1-00012	DRS-1SS1-1-SK1R-010-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-1-00013	DRS-1SS1-1-SK1R-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-2-00024	DRS-1SS1-2-SK1R-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-2-00025	DRS-1SS1-2-SK1R-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-2-00026	DRS-1SS1-2-SK1R-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-2-00027	DRS-1SS1-2-SK1R-008-PI250-PI005B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-2-00028	DRS-1SS1-2-SK1R-009-PI250-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-2-00029	DRS-1SS1-2-SK1R-010-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-2-00030	DRS-1SS1-2-SK1R-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-3-00008	DRS-1SS1-3-SK1R-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-3-00009	DRS-1SS1-3-SK1R-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-3-00010	DRS-1SS1-3-SK1R-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-3-00011	DRS-1SS1-3-SK1R-008-PI250-PI009B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-3-00012	DRS-1SS1-3-SK1R-009-PI250-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-3-00016	DRS-1SS1-3-SK1R-010-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-3-00013	DRS-1SS1-3-SK1R-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-4-00003	DRS-1SS1-4-SK1R-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-4-00004	DRS-1SS1-4-SK1R-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-4-00005	DRS-1SS1-4-SK1R-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-4-00006	DRS-1SS1-4-SK1R-008-PI250-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-4-00007	DRS-1SS1-4-SK1R-009-PI250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-4-00008	DRS-1SS1-4-SK1R-010-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-4-00009	DRS-1SS1-4-SK1R-014-PI250-PI025B-MA-VM6

Manifold manual type DRS 1SS1 with internal purge system

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	230 mm x 180 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	3,2 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- extensions for 2 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-1-00002	DRS-1SS1-1-SK1R-001-PI250-PI003B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-1-00017	DRS-1SS1-1-SK1R-005-PI250-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-1-00016	DRS-1SS1-1-SK1R-006-PI250-PI003B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-1-00018	DRS-1SS1-1-SK1R-008-PI250-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-1-00019	DRS-1SS1-1-SK1R-009-PI250-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-1-00028	DRS-1SS1-1-SK1R-009-PI250-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-1-00020	DRS-1SS1-1-SK1R-010-PI250-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-1-00021	DRS-1SS1-1-SK1R-014-PI250-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-2-00035	DRS-1SS1-2-SK1R-001-PI250-PI005B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-2-00036	DRS-1SS1-2-SK1R-005-PI250-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-2-00001	DRS-1SS1-2-SK1R-006-PI250-PI005B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-2-00037	DRS-1SS1-2-SK1R-008-PI250-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-2-00038	DRS-1SS1-2-SK1R-009-PI250-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-2-00047	DRS-1SS1-2-SK1R-009-PI250-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-2-00039	DRS-1SS1-2-SK1R-010-PI250-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-2-00040	DRS-1SS1-2-SK1R-014-PI250-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-3-00020	DRS-1SS1-3-SK1R-001-PI250-PI009B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-3-00021	DRS-1SS1-3-SK1R-005-PI250-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-3-00001	DRS-1SS1-3-SK1R-006-PI250-PI009B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-3-00022	DRS-1SS1-3-SK1R-008-PI250-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-3-00002	DRS-1SS1-3-SK1R-009-PI250-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-3-00031	DRS-1SS1-3-SK1R-009-PI250-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-3-00003	DRS-1SS1-3-SK1R-010-PI250-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-3-00023	DRS-1SS1-3-SK1R-014-PI250-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-4-00014	DRS-1SS1-4-SK1R-001-PI250-PI025B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-4-00002	DRS-1SS1-4-SK1R-005-PI250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-4-00011	DRS-1SS1-4-SK1R-006-PI250-PI025B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-4-00010	DRS-1SS1-4-SK1R-008-PI250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-4-00020	DRS-1SS1-4-SK1R-009-PI250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-4-00035	DRS-1SS1-4-SK1R-009-PI250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-4-00021	DRS-1SS1-4-SK1R-010-PI250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-4-00018	DRS-1SS1-4-SK1R-014-PI250-PI025B-MA-VM6-ES

Manifold manual type DRS 1SS1 with external purge system

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF, FKM	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	240 mm x 230 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	3,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- extensions for 2 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-1-00003	DRS-1SS1-1-SK1R-001-PI250-PI003B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-1-00023	DRS-1SS1-1-SK1R-005-PI250-PI003B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-1-00022	DRS-1SS1-1-SK1R-006-PI250-PI003B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-1-00004	DRS-1SS1-1-SK1R-008-PI250-PI003B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-1-00024	DRS-1SS1-1-SK1R-009-PI250-PI003B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-1-00029	DRS-1SS1-1-SK1R-009-PI250-PI003B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-1-00025	DRS-1SS1-1-SK1R-010-PI250-PI003B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-1-00026	DRS-1SS1-1-SK1R-014-PI250-PI003B-MA-VM6-FS
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-2-00041	DRS-1SS1-2-SK1R-001-PI250-PI005B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-2-00042	DRS-1SS1-2-SK1R-005-PI250-PI005B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-2-00002	DRS-1SS1-2-SK1R-006-PI250-PI005B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-2-00010	DRS-1SS1-2-SK1R-008-PI250-PI005B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-2-00043	DRS-1SS1-2-SK1R-009-PI250-PI005B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-2-00048	DRS-1SS1-2-SK1R-009-PI250-PI005B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-2-00044	DRS-1SS1-2-SK1R-010-PI250-PI005B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-2-00045	DRS-1SS1-2-SK1R-014-PI250-PI005B-MA-VM6-FS
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-3-00024	DRS-1SS1-3-SK1R-001-PI250-PI009B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-3-00025	DRS-1SS1-3-SK1R-005-PI250-PI009B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-3-00026	DRS-1SS1-3-SK1R-006-PI250-PI009B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-3-00027	DRS-1SS1-3-SK1R-008-PI250-PI009B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-3-00028	DRS-1SS1-3-SK1R-009-PI250-PI009B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-3-00032	DRS-1SS1-3-SK1R-009-PI250-PI009B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-3-00029	DRS-1SS1-3-SK1R-010-PI250-PI009B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-3-00030	DRS-1SS1-3-SK1R-014-PI250-PI009B-MA-VM6-FS
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-4-00022	DRS-1SS1-4-SK1R-001-PI250-PI025B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-4-00023	DRS-1SS1-4-SK1R-005-PI250-PI025B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-4-00024	DRS-1SS1-4-SK1R-006-PI250-PI025B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-4-00001	DRS-1SS1-4-SK1R-008-PI250-PI025B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-4-00025	DRS-1SS1-4-SK1R-009-PI250-PI025B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-4-00036	DRS-1SS1-4-SK1R-009-PI250-PI025B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-4-00026	DRS-1SS1-4-SK1R-010-PI250-PI025B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-4-00027	DRS-1SS1-4-SK1R-014-PI250-PI025B-MA-VM6-FS

Manifold manual type DRS 2SS1

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	160 mm x 140 mm x 180 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	2,5 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- extensions for 2 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-1-00005	DRS-2SS1-1-SK1R-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-1-00006	DRS-2SS1-1-SK1R-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-1-00007	DRS-2SS1-1-SK1R-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-1-00008	DRS-2SS1-1-SK1R-008-PI250-PI003B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-1-00009	DRS-2SS1-1-SK1R-009-PI250-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-1-00010	DRS-2SS1-1-SK1R-010-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-1-00011	DRS-2SS1-1-SK1R-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-2-00005	DRS-2SS1-2-SK1R-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-2-00006	DRS-2SS1-2-SK1R-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-2-00007	DRS-2SS1-2-SK1R-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-2-00008	DRS-2SS1-2-SK1R-008-PI250-PI005B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-2-00009	DRS-2SS1-2-SK1R-009-PI250-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-2-00010	DRS-2SS1-2-SK1R-010-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-2-00011	DRS-2SS1-2-SK1R-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-3-00005	DRS-2SS1-3-SK1R-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-3-00006	DRS-2SS1-3-SK1R-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-3-00007	DRS-2SS1-3-SK1R-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-3-00008	DRS-2SS1-3-SK1R-008-PI250-PI009B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-3-00009	DRS-2SS1-3-SK1R-009-PI250-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-3-00010	DRS-2SS1-3-SK1R-010-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-3-00011	DRS-2SS1-3-SK1R-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-4-00001	DRS-2SS1-4-SK1R-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-4-00002	DRS-2SS1-4-SK1R-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-4-00003	DRS-2SS1-4-SK1R-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-4-00004	DRS-2SS1-4-SK1R-008-PI250-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-4-00005	DRS-2SS1-4-SK1R-009-PI250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-4-00006	DRS-2SS1-4-SK1R-010-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-4-00007	DRS-2SS1-4-SK1R-014-PI250-PI025B-MA-VM6

Manifold manual type DRS 2SS1 with internal purge system

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	230 mm x 180 mm x 180 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	3,6 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- extensions for 2 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-1-00017	DRS-2SS1-1-SK1R-001-PI250-PI003B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-1-00018	DRS-2SS1-1-SK1R-005-PI250-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-1-00019	DRS-2SS1-1-SK1R-006-PI250-PI003B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-1-00020	DRS-2SS1-1-SK1R-008-PI250-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-1-00021	DRS-2SS1-1-SK1R-009-PI250-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-1-00028	DRS-2SS1-1-SK1R-009-PI250-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-1-00003	DRS-2SS1-1-SK1R-010-PI250-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-1-00001	DRS-2SS1-1-SK1R-014-PI250-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-2-00023	DRS-2SS1-2-SK1R-001-PI250-PI005B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-2-00024	DRS-2SS1-2-SK1R-005-PI250-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-2-00025	DRS-2SS1-2-SK1R-006-PI250-PI005B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-2-00026	DRS-2SS1-2-SK1R-008-PI250-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-2-00027	DRS-2SS1-2-SK1R-009-PI250-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-2-00042	DRS-2SS1-2-SK1R-009-PI250-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-2-00028	DRS-2SS1-2-SK1R-010-PI250-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-2-00014	DRS-2SS1-2-SK1R-014-PI250-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-3-00020	DRS-2SS1-3-SK1R-001-PI250-PI009B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-3-00021	DRS-2SS1-3-SK1R-005-PI250-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-3-00019	DRS-2SS1-3-SK1R-006-PI250-PI009B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-3-00022	DRS-2SS1-3-SK1R-008-PI250-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-3-00023	DRS-2SS1-3-SK1R-009-PI250-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-3-00033	DRS-2SS1-3-SK1R-009-PI250-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-3-00024	DRS-2SS1-3-SK1R-010-PI250-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-3-00014	DRS-2SS1-3-SK1R-014-PI250-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-4-00009	DRS-2SS1-4-SK1R-001-PI250-PI025B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-4-00010	DRS-2SS1-4-SK1R-005-PI250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-4-00011	DRS-2SS1-4-SK1R-006-PI250-PI025B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-4-00012	DRS-2SS1-4-SK1R-008-PI250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-4-00013	DRS-2SS1-4-SK1R-009-PI250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-4-00027	DRS-2SS1-4-SK1R-009-PI250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-4-00014	DRS-2SS1-4-SK1R-010-PI250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-4-00008	DRS-2SS1-4-SK1R-014-PI250-PI025B-MA-VM6-ES

Manifold manual type DRS 2SS1 with external purge system

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, FKM	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	240 mm x 230 mm x 180 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	3,8 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- extensions for 2 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-1-00015	DRS-2SS1-1-SK1R-001-PI250-PI003B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-1-00022	DRS-2SS1-1-SK1R-005-PI250-PI003B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-1-00023	DRS-2SS1-1-SK1R-006-PI250-PI003B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-1-00024	DRS-2SS1-1-SK1R-008-PI250-PI003B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-1-00025	DRS-2SS1-1-SK1R-009-PI250-PI003B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-1-00029	DRS-2SS1-1-SK1R-009-PI250-PI003B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-1-00026	DRS-2SS1-1-SK1R-010-PI250-PI003B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-1-00002	DRS-2SS1-1-SK1R-014-PI250-PI003B-MA-VM6-FS
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-2-00029	DRS-2SS1-2-SK1R-001-PI250-PI005B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-2-00030	DRS-2SS1-2-SK1R-005-PI250-PI005B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-2-00031	DRS-2SS1-2-SK1R-006-PI250-PI005B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-2-00032	DRS-2SS1-2-SK1R-008-PI250-PI005B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-2-00033	DRS-2SS1-2-SK1R-009-PI250-PI005B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-2-00043	DRS-2SS1-2-SK1R-009-PI250-PI005B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-2-00034	DRS-2SS1-2-SK1R-010-PI250-PI005B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-2-00001	DRS-2SS1-2-SK1R-014-PI250-PI005B-MA-VM6-FS
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-3-00025	DRS-2SS1-3-SK1R-001-PI250-PI009B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-3-00026	DRS-2SS1-3-SK1R-005-PI250-PI009B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-3-00027	DRS-2SS1-3-SK1R-006-PI250-PI009B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-3-00028	DRS-2SS1-3-SK1R-008-PI250-PI009B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-3-00029	DRS-2SS1-3-SK1R-009-PI250-PI009B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-3-00034	DRS-2SS1-3-SK1R-009-PI250-PI009B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-3-00030	DRS-2SS1-3-SK1R-010-PI250-PI009B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-3-00001	DRS-2SS1-3-SK1R-014-PI250-PI009B-MA-VM6-FS
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-4-00015	DRS-2SS1-4-SK1R-001-PI250-PI025B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-4-00016	DRS-2SS1-4-SK1R-005-PI250-PI025B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-4-00017	DRS-2SS1-4-SK1R-006-PI250-PI025B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-4-00018	DRS-2SS1-4-SK1R-008-PI250-PI025B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-4-00019	DRS-2SS1-4-SK1R-009-PI250-PI025B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-4-00028	DRS-2SS1-4-SK1R-009-PI250-PI025B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-4-00020	DRS-2SS1-4-SK1R-010-PI250-PI025B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-4-00021	DRS-2SS1-4-SK1R-014-PI250-PI025B-MA-VM6-FS

Manifold manual type DRS 1BC2

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 140 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	5,2 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-1-00001	DRS-1BC2-1-SK1-001-PI315-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-1-00004	DRS-1BC2-1-SK1-006-PI315-PI003B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-1-00005	DRS-1BC2-1-SK1-009-PI315-PI003B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-1-00013	DRS-1BC2-1-SK1-009-PI315-PI003B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-1-00006	DRS-1BC2-1-SK1-010-PI315-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-1-00007	DRS-1BC2-1-SK1-014-PI315-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-2-00001	DRS-1BC2-2-SK1-001-PI315-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-2-00002	DRS-1BC2-2-SK1-006-PI315-PI005B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-2-00003	DRS-1BC2-2-SK1-009-PI315-PI005B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-2-00012	DRS-1BC2-2-SK1-009-PI315-PI005B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-2-00004	DRS-1BC2-2-SK1-010-PI315-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-2-00005	DRS-1BC2-2-SK1-014-PI315-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-3-00001	DRS-1BC2-3-SK1-001-PI315-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-3-00005	DRS-1BC2-3-SK1-006-PI315-PI009B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-3-00006	DRS-1BC2-3-SK1-009-PI315-PI009B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-3-00014	DRS-1BC2-3-SK1-009-PI315-PI009B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-3-00002	DRS-1BC2-3-SK1-010-PI315-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-3-00007	DRS-1BC2-3-SK1-014-PI315-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-4-00004	DRS-1BC2-4-SK1-001-PI315-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-4-00005	DRS-1BC2-4-SK1-006-PI315-PI025B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-4-00002	DRS-1BC2-4-SK1-009-PI315-PI025B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-4-00024	DRS-1BC2-4-SK1-009-PI315-PI025B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-4-00006	DRS-1BC2-4-SK1-010-PI315-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-4-00007	DRS-1BC2-4-SK1-014-PI315-PI025B-MA-VM6

Manifold manual type DRS 1BC2 with internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 180 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	5,5 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-1-00002	DRS-1BC2-1-SK1-001-PI315-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-1-00009	DRS-1BC2-1-SK1-006-PI315-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-1-00010	DRS-1BC2-1-SK1-009-PI315-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-1-00014	DRS-1BC2-1-SK1-009-PI315-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-1-00011	DRS-1BC2-1-SK1-010-PI315-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-1-00012	DRS-1BC2-1-SK1-014-PI315-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-2-00008	DRS-1BC2-2-SK1-001-PI315-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-2-00009	DRS-1BC2-2-SK1-006-PI315-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-2-00010	DRS-1BC2-2-SK1-009-PI315-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-2-00013	DRS-1BC2-2-SK1-009-PI315-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-2-00007	DRS-1BC2-2-SK1-010-PI315-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-2-00011	DRS-1BC2-2-SK1-014-PI315-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-3-00004	DRS-1BC2-3-SK1-001-PI315-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-3-00013	DRS-1BC2-3-SK1-006-PI315-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-3-00003	DRS-1BC2-3-SK1-009-PI315-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-3-00015	DRS-1BC2-3-SK1-009-PI315-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-3-00012	DRS-1BC2-3-SK1-010-PI315-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-3-00009	DRS-1BC2-3-SK1-014-PI315-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-4-00001	DRS-1BC2-4-SK1-001-PI315-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-4-00017	DRS-1BC2-4-SK1-006-PI315-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-4-00018	DRS-1BC2-4-SK1-009-PI315-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-4-00025	DRS-1BC2-4-SK1-009-PI315-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-4-00010	DRS-1BC2-4-SK1-010-PI315-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-4-00019	DRS-1BC2-4-SK1-014-PI315-PI025B-MA-VM6-ES

Manifold manual type DRS 2BC2

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 140 mm x 180 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	6,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-1-00002	DRS-2BC2-1-SK1-001-PI315-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-1-00003	DRS-2BC2-1-SK1-006-PI315-PI003B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-1-00004	DRS-2BC2-1-SK1-009-PI315-PI003B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-1-00013	DRS-2BC2-1-SK1-009-PI315-PI003B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-1-00005	DRS-2BC2-1-SK1-010-PI315-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-1-00006	DRS-2BC2-1-SK1-014-PI315-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-2-00001	DRS-2BC2-2-SK1-001-PI315-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-2-00002	DRS-2BC2-2-SK1-006-PI315-PI005B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-2-00003	DRS-2BC2-2-SK1-009-PI315-PI005B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-2-00011	DRS-2BC2-2-SK1-009-PI315-PI005B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-2-00004	DRS-2BC2-2-SK1-010-PI315-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-2-00005	DRS-2BC2-2-SK1-014-PI315-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-3-00004	DRS-2BC2-3-SK1-001-PI315-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-3-00005	DRS-2BC2-3-SK1-006-PI315-PI009B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-3-00006	DRS-2BC2-3-SK1-009-PI315-PI009B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-3-00019	DRS-2BC2-3-SK1-009-PI315-PI009B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-3-00007	DRS-2BC2-3-SK1-010-PI315-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-3-00008	DRS-2BC2-3-SK1-014-PI315-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-4-00003	DRS-2BC2-4-SK1-001-PI315-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-4-00004	DRS-2BC2-4-SK1-006-PI315-PI025B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-4-00005	DRS-2BC2-4-SK1-009-PI315-PI025B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-4-00014	DRS-2BC2-4-SK1-009-PI315-PI025B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-4-00006	DRS-2BC2-4-SK1-010-PI315-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-4-00007	DRS-2BC2-4-SK1-014-PI315-PI025B-MA-VM6

Manifold manual type DRS 2BC2 with internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 180 mm x 180 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	6,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-1-00008	DRS-2BC2-1-SK1-001-PI315-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-1-00009	DRS-2BC2-1-SK1-006-PI315-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-1-00010	DRS-2BC2-1-SK1-009-PI315-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-1-00014	DRS-2BC2-1-SK1-009-PI315-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-1-00011	DRS-2BC2-1-SK1-010-PI315-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-1-00012	DRS-2BC2-1-SK1-014-PI315-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-2-00007	DRS-2BC2-2-SK1-001-PI315-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-2-00008	DRS-2BC2-2-SK1-006-PI315-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-2-00009	DRS-2BC2-2-SK1-009-PI315-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-2-00012	DRS-2BC2-2-SK1-009-PI315-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-2-00006	DRS-2BC2-2-SK1-010-PI315-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-2-00010	DRS-2BC2-2-SK1-014-PI315-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-3-00013	DRS-2BC2-3-SK1-001-PI315-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-3-00014	DRS-2BC2-3-SK1-006-PI315-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-3-00015	DRS-2BC2-3-SK1-009-PI315-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-3-00020	DRS-2BC2-3-SK1-009-PI315-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-3-00016	DRS-2BC2-3-SK1-010-PI315-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-3-00009	DRS-2BC2-3-SK1-014-PI315-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-4-00009	DRS-2BC2-4-SK1-001-PI315-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-4-00001	DRS-2BC2-4-SK1-006-PI315-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-4-00010	DRS-2BC2-4-SK1-009-PI315-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-4-00015	DRS-2BC2-4-SK1-009-PI315-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-4-00002	DRS-2BC2-4-SK1-010-PI315-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-4-00011	DRS-2BC2-4-SK1-014-PI315-PI025B-MA-VM6-ES

Manifold manual type DRS 1SS2

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve , stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 140 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	4,9 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-1-00004	DRS-1SS2-1-SK1-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-1-00005	DRS-1SS2-1-SK1-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-1-00006	DRS-1SS2-1-SK1-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-1-00009	DRS-1SS2-1-SK1-008-PI250-PI003B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-1-00007	DRS-1SS2-1-SK1-009-PI250-PI003B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-1-00023	DRS-1SS2-1-SK1-009-PI250-PI003B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-1-00008	DRS-1SS2-1-SK1-010-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-1-00010	DRS-1SS2-1-SK1-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-2-00001	DRS-1SS2-2-SK1-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-2-00002	DRS-1SS2-2-SK1-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-2-00003	DRS-1SS2-2-SK1-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-2-00004	DRS-1SS2-2-SK1-008-PI250-PI005B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-2-00005	DRS-1SS2-2-SK1-009-PI250-PI005B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-2-00022	DRS-1SS2-2-SK1-009-PI250-PI005B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-2-00006	DRS-1SS2-2-SK1-010-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-2-00007	DRS-1SS2-2-SK1-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-3-00003	DRS-1SS2-3-SK1-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-3-00004	DRS-1SS2-3-SK1-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-3-00005	DRS-1SS2-3-SK1-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-3-00006	DRS-1SS2-3-SK1-008-PI250-PI009B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-3-00007	DRS-1SS2-3-SK1-009-PI250-PI009B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-3-00023	DRS-1SS2-3-SK1-009-PI250-PI009B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-3-00008	DRS-1SS2-3-SK1-010-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-3-00009	DRS-1SS2-3-SK1-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-4-00003	DRS-1SS2-4-SK1-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-4-00004	DRS-1SS2-4-SK1-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-4-00005	DRS-1SS2-4-SK1-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-4-00006	DRS-1SS2-4-SK1-008-PI250-PI025B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-4-00007	DRS-1SS2-4-SK1-009-PI250-PI025B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-4-00027	DRS-1SS2-4-SK1-009-PI250-PI025B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-4-00008	DRS-1SS2-4-SK1-010-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-4-00009	DRS-1SS2-4-SK1-014-PI250-PI025B-MA-VM6

Manifold manual type DRS 1SS2 with internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve , stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 180 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	5,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-1-00002	DRS-1SS2-1-SK1-001-PI250-PI003B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-1-00011	DRS-1SS2-1-SK1-005-PI250-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-1-00012	DRS-1SS2-1-SK1-006-PI250-PI003B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-1-00013	DRS-1SS2-1-SK1-008-PI250-PI003B-MA-VM6-ES
	sythetische Luft	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-1-00014	DRS-1SS2-1-SK1-009-PI250-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-1-00024	DRS-1SS2-1-SK1-009-PI250-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-1-00015	DRS-1SS2-1-SK1-010-PI250-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-1-00016	DRS-1SS2-1-SK1-014-PI250-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-2-00008	DRS-1SS2-2-SK1-001-PI250-PI005B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-2-00009	DRS-1SS2-2-SK1-005-PI250-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-2-00010	DRS-1SS2-2-SK1-006-PI250-PI005B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-2-00011	DRS-1SS2-2-SK1-008-PI250-PI005B-MA-VM6-ES
	sythetische Luft	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-2-00012	DRS-1SS2-2-SK1-009-PI250-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-2-00023	DRS-1SS2-2-SK1-009-PI250-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-2-00013	DRS-1SS2-2-SK1-010-PI250-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-2-00014	DRS-1SS2-2-SK1-014-PI250-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-3-00002	DRS-1SS2-3-SK1-001-PI250-PI009B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-3-00010	DRS-1SS2-3-SK1-005-PI250-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-3-00011	DRS-1SS2-3-SK1-006-PI250-PI009B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-3-00012	DRS-1SS2-3-SK1-008-PI250-PI009B-MA-VM6-ES
	sythetische Luft	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-3-00013	DRS-1SS2-3-SK1-009-PI250-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-3-00024	DRS-1SS2-3-SK1-009-PI250-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-3-00014	DRS-1SS2-3-SK1-010-PI250-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-3-00015	DRS-1SS2-3-SK1-014-PI250-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-4-00013	DRS-1SS2-4-SK1-001-PI250-PI025B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-4-00014	DRS-1SS2-4-SK1-005-PI250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-4-00011	DRS-1SS2-4-SK1-006-PI250-PI025B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-4-00015	DRS-1SS2-4-SK1-008-PI250-PI025B-MA-VM6-ES
	sythetische Luft	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-4-00016	DRS-1SS2-4-SK1-009-PI250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-4-00028	DRS-1SS2-4-SK1-009-PI250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-4-00017	DRS-1SS2-4-SK1-010-PI250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-4-00018	DRS-1SS2-4-SK1-014-PI250-PI025B-MA-VM6-ES

Manifold manual type DRS 1SS2 with external purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve , stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF, FKM	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	500 mm x 230 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	5,8 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-1-00003	DRS-1SS2-1-SK1-001-PI250-PI003B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-1-00017	DRS-1SS2-1-SK1-005-PI250-PI003B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-1-00018	DRS-1SS2-1-SK1-006-PI250-PI003B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-1-00019	DRS-1SS2-1-SK1-008-PI250-PI003B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-1-00020	DRS-1SS2-1-SK1-009-PI250-PI003B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-1-00025	DRS-1SS2-1-SK1-009-PI250-PI003B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-1-00021	DRS-1SS2-1-SK1-010-PI250-PI003B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-1-00022	DRS-1SS2-1-SK1-014-PI250-PI003B-MA-VM6-FS
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-2-00015	DRS-1SS2-2-SK1-001-PI250-PI005B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-2-00016	DRS-1SS2-2-SK1-005-PI250-PI005B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-2-00017	DRS-1SS2-2-SK1-006-PI250-PI005B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-2-00018	DRS-1SS2-2-SK1-008-PI250-PI005B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-2-00019	DRS-1SS2-2-SK1-009-PI250-PI005B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-2-00024	DRS-1SS2-2-SK1-009-PI250-PI005B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-2-00020	DRS-1SS2-2-SK1-010-PI250-PI005B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-2-00021	DRS-1SS2-2-SK1-014-PI250-PI005B-MA-VM6-FS
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-3-00016	DRS-1SS2-3-SK1-001-PI250-PI009B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-3-00017	DRS-1SS2-3-SK1-005-PI250-PI009B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-3-00018	DRS-1SS2-3-SK1-006-PI250-PI009B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-3-00019	DRS-1SS2-3-SK1-008-PI250-PI009B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-3-00020	DRS-1SS2-3-SK1-009-PI250-PI009B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-3-00025	DRS-1SS2-3-SK1-009-PI250-PI009B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-3-00021	DRS-1SS2-3-SK1-010-PI250-PI009B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-3-00022	DRS-1SS2-3-SK1-014-PI250-PI009B-MA-VM6-FS
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-4-00019	DRS-1SS2-4-SK1-001-PI250-PI025B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-4-00020	DRS-1SS2-4-SK1-005-PI250-PI025B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-4-00021	DRS-1SS2-4-SK1-006-PI250-PI025B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-4-00022	DRS-1SS2-4-SK1-008-PI250-PI025B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-4-00023	DRS-1SS2-4-SK1-009-PI250-PI025B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-4-00029	DRS-1SS2-4-SK1-009-PI250-PI025B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-4-00024	DRS-1SS2-4-SK1-010-PI250-PI025B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-4-00025	DRS-1SS2-4-SK1-014-PI250-PI025B-MA-VM6-FS

Manifold manual type DRS 2SS2

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stain-less steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 140 mm x 180 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	5,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- contact gauge or pressure transducer
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-1-00001	DRS-2SS2-1-SK1-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-1-00002	DRS-2SS2-1-SK1-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-1-00003	DRS-2SS2-1-SK1-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-1-00004	DRS-2SS2-1-SK1-008-PI250-PI003B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-1-00005	DRS-2SS2-1-SK1-009-PI250-PI003B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-1-00022	DRS-2SS2-1-SK1-009-PI250-PI003B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-1-00006	DRS-2SS2-1-SK1-010-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-1-00007	DRS-2SS2-1-SK1-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-2-00004	DRS-2SS2-2-SK1-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-2-00005	DRS-2SS2-2-SK1-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-2-00006	DRS-2SS2-2-SK1-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-2-00007	DRS-2SS2-2-SK1-008-PI250-PI005B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-2-00008	DRS-2SS2-2-SK1-009-PI250-PI005B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-2-00023	DRS-2SS2-2-SK1-009-PI250-PI005B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-2-00009	DRS-2SS2-2-SK1-010-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-2-00010	DRS-2SS2-2-SK1-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-3-00001	DRS-2SS2-3-SK1-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-3-00002	DRS-2SS2-3-SK1-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-3-00003	DRS-2SS2-3-SK1-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-3-00004	DRS-2SS2-3-SK1-008-PI250-PI009B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-3-00005	DRS-2SS2-3-SK1-009-PI250-PI009B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-3-00023	DRS-2SS2-3-SK1-009-PI250-PI009B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-3-00006	DRS-2SS2-3-SK1-010-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-3-00007	DRS-2SS2-3-SK1-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-4-00001	DRS-2SS2-4-SK1-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-4-00002	DRS-2SS2-4-SK1-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-4-00003	DRS-2SS2-4-SK1-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-4-00004	DRS-2SS2-4-SK1-008-PI250-PI025B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-4-00005	DRS-2SS2-4-SK1-009-PI250-PI025B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-4-00023	DRS-2SS2-4-SK1-009-PI250-PI025B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-4-00006	DRS-2SS2-4-SK1-010-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-4-00007	DRS-2SS2-4-SK1-014-PI250-PI025B-MA-VM6

Manifold manual type DRS 2SS2 with internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stain-less steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 180 mm x 180 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	5,8 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-1-00008	DRS-2SS2-1-SK1-001-PI250-PI003B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-1-00009	DRS-2SS2-1-SK1-005-PI250-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-1-00010	DRS-2SS2-1-SK1-006-PI250-PI003B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-1-00011	DRS-2SS2-1-SK1-008-PI250-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-1-00012	DRS-2SS2-1-SK1-009-PI250-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-1-00023	DRS-2SS2-1-SK1-009-PI250-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-1-00013	DRS-2SS2-1-SK1-010-PI250-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-1-00014	DRS-2SS2-1-SK1-014-PI250-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-2-00011	DRS-2SS2-2-SK1-001-PI250-PI005B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-2-00012	DRS-2SS2-2-SK1-005-PI250-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-2-00013	DRS-2SS2-2-SK1-006-PI250-PI005B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-2-00002	DRS-2SS2-2-SK1-008-PI250-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-2-00014	DRS-2SS2-2-SK1-009-PI250-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-2-00024	DRS-2SS2-2-SK1-009-PI250-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-2-00015	DRS-2SS2-2-SK1-010-PI250-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-2-00016	DRS-2SS2-2-SK1-014-PI250-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-3-00009	DRS-2SS2-3-SK1-001-PI250-PI009B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-3-00010	DRS-2SS2-3-SK1-005-PI250-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-3-00011	DRS-2SS2-3-SK1-006-PI250-PI009B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-3-00012	DRS-2SS2-3-SK1-008-PI250-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-3-00013	DRS-2SS2-3-SK1-009-PI250-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-3-00024	DRS-2SS2-3-SK1-009-PI250-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-3-00014	DRS-2SS2-3-SK1-010-PI250-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-3-00015	DRS-2SS2-3-SK1-014-PI250-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-4-00009	DRS-2SS2-4-SK1-001-PI250-PI025B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-4-00010	DRS-2SS2-4-SK1-005-PI250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-4-00011	DRS-2SS2-4-SK1-006-PI250-PI025B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-4-00012	DRS-2SS2-4-SK1-008-PI250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-4-00013	DRS-2SS2-4-SK1-009-PI250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-4-00024	DRS-2SS2-4-SK1-009-PI250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-4-00014	DRS-2SS2-4-SK1-010-PI250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-4-00015	DRS-2SS2-4-SK1-014-PI250-PI025B-MA-VM6-ES

Manifold manual type DRS 2SS2 with external purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stain-less steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF, FKM	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	500 mm x 230 mm x 180 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	7,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-1-00015	DRS-2SS2-1-SK1-001-PI250-PI003B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-1-00016	DRS-2SS2-1-SK1-005-PI250-PI003B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-1-00017	DRS-2SS2-1-SK1-006-PI250-PI003B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-1-00018	DRS-2SS2-1-SK1-008-PI250-PI003B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-1-00019	DRS-2SS2-1-SK1-009-PI250-PI003B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-1-00024	DRS-2SS2-1-SK1-009-PI250-PI003B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-1-00020	DRS-2SS2-1-SK1-010-PI250-PI003B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-1-00021	DRS-2SS2-1-SK1-014-PI250-PI003B-MA-VM6-FS
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-2-00017	DRS-2SS2-2-SK1-001-PI250-PI005B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-2-00018	DRS-2SS2-2-SK1-005-PI250-PI005B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-2-00019	DRS-2SS2-2-SK1-006-PI250-PI005B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-2-00003	DRS-2SS2-2-SK1-008-PI250-PI005B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-2-00020	DRS-2SS2-2-SK1-009-PI250-PI005B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-2-00025	DRS-2SS2-2-SK1-009-PI250-PI005B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-2-00021	DRS-2SS2-2-SK1-010-PI250-PI005B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-2-00022	DRS-2SS2-2-SK1-014-PI250-PI005B-MA-VM6-FS
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-3-00016	DRS-2SS2-3-SK1-001-PI250-PI009B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-3-00017	DRS-2SS2-3-SK1-005-PI250-PI009B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-3-00018	DRS-2SS2-3-SK1-006-PI250-PI009B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-3-00019	DRS-2SS2-3-SK1-008-PI250-PI009B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-3-00020	DRS-2SS2-3-SK1-009-PI250-PI009B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-3-00025	DRS-2SS2-3-SK1-009-PI250-PI009B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-3-00021	DRS-2SS2-3-SK1-010-PI250-PI009B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-3-00022	DRS-2SS2-3-SK1-014-PI250-PI009B-MA-VM6-FS
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-4-00016	DRS-2SS2-4-SK1-001-PI250-PI025B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-4-00017	DRS-2SS2-4-SK1-005-PI250-PI025B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-4-00018	DRS-2SS2-4-SK1-006-PI250-PI025B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-4-00019	DRS-2SS2-4-SK1-008-PI250-PI025B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-4-00020	DRS-2SS2-4-SK1-009-PI250-PI025B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-4-00025	DRS-2SS2-4-SK1-009-PI250-PI025B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-4-00021	DRS-2SS2-4-SK1-010-PI250-PI025B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-4-00022	DRS-2SS2-4-SK1-014-PI250-PI025B-MA-VM6-FS

Manifold manual type DRSAH 1BC2 with automatic changeover

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauges Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	360 mm x 170 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	5,3 kg (7,1 kg bei ES)
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- pressure gauge
- extensions for 2 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
12 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1BC2-4-00015	DRSAH-1BC2-4-SK1-001-PS250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1BC2-4-00016	DRSAH-1BC2-4-SK1-006-PS250-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1BC2-4-00017	DRSAH-1BC2-4-SK1-009-PS250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1BC2-4-00001	DRSAH-1BC2-4-SK1-010-PS250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1BC2-4-00018	DRSAH-1BC2-4-SK1-014-PS250-PI025B-MA-VM6
28 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1BC2-5-00004	DRSAH-1BC2-5-SK1-001-PS250-PI040B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1BC2-5-00005	DRSAH-1BC2-5-SK1-006-PS250-PI040B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1BC2-5-00003	DRSAH-1BC2-5-SK1-009-PS250-PI040B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1BC2-5-00001	DRSAH-1BC2-5-SK1-010-PS250-PI040B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1BC2-5-00002	DRSAH-1BC2-5-SK1-014-PS250-PI040B-MA-VM6

Manifold manual type Typ DRSAH 1BC2 with automatic changeover and internal purge system

W x H x D: 460 mm x 180 mm x 140 mm
Description, technical data and options see above.

Pressure	Gas type	Connection	Article-no.	Description
12 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1BC2-4-00022	DRSAH-1BC2-4-SK1-001-PS250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1BC2-4-00007	DRSAH-1BC2-4-SK1-006-PS250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1BC2-4-00008	DRSAH-1BC2-4-SK1-009-PS250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1BC2-4-00038	DRSAH-1BC2-4-SK1-009-PS250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1BC2-4-00006	DRSAH-1BC2-4-SK1-010-PS250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1BC2-4-00030	DRSAH-1BC2-4-SK1-014-PS250-PI025B-MA-VM6-ES
28 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1BC2-5-00006	DRSAH-1BC2-5-SK1-001-PS250-PI040B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1BC2-5-00007	DRSAH-1BC2-5-SK1-006-PS250-PI040B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1BC2-5-00008	DRSAH-1BC2-5-SK1-009-PS250-PI040B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1BC2-5-00011	DRSAH-1BC2-5-SK1-009-PS250-PI040B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1BC2-5-00009	DRSAH-1BC2-5-SK1-010-PS250-PI040B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1BC2-5-00010	DRSAH-1BC2-5-SK1-014-PS250-PI040B-MA-VM6-ES

Manifold manual type DRSAH 2BC2 with automatic changeover

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulator, single stage, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to **DIN 837** inlet filters 50 µm and relief valve and an in-line regulator with working pressure gauge Ø 50 mm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	380 mm x 250 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	6,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- pressure gauge
- extensions for 2 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-1-00001	DRSAH-2BC2-1-SK1-001-PS250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-1-00002	DRSAH-2BC2-1-SK1-006-PS250-PI003B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-1-00003	DRSAH-2BC2-1-SK1-009-PS250-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-1-00004	DRSAH-2BC2-1-SK1-010-PS250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-1-00005	DRSAH-2BC2-1-SK1-014-PS250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-2-00006	DRSAH-2BC2-2-SK1-001-PS250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-2-00008	DRSAH-2BC2-2-SK1-006-PS250-PI005B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-2-00009	DRSAH-2BC2-2-SK1-009-PS250-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-2-00010	DRSAH-2BC2-2-SK1-010-PS250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-2-00011	DRSAH-2BC2-2-SK1-014-PS250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-3-00004	DRSAH-2BC2-3-SK1-001-PS250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-3-00008	DRSAH-2BC2-3-SK1-006-PS250-PI009B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-3-00014	DRSAH-2BC2-3-SK1-009-PS250-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-3-00015	DRSAH-2BC2-3-SK1-010-PS250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-3-00016	DRSAH-2BC2-3-SK1-014-PS250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-4-00003	DRSAH-2BC2-4-SK1-001-PS250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-4-00004	DRSAH-2BC2-4-SK1-006-PS250-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-4-00005	DRSAH-2BC2-4-SK1-009-PS250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-4-00006	DRSAH-2BC2-4-SK1-010-PS250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-4-00007	DRSAH-2BC2-4-SK1-014-PS250-PI025B-MA-VM6

Manifold manual type DRSAH 2BC2 with automatic changeover and internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulator, single stage, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to **DIN 837** inlet filters 50 µm and relief valve and an in-line regulator with working pressure gauge Ø 50 mm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 250 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	8,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

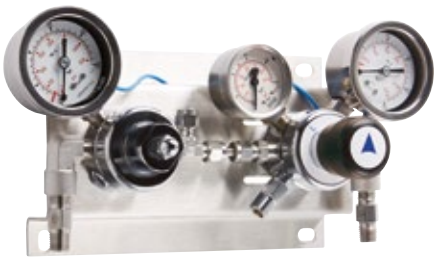
Options:
- regulating and shut off valve
- pressure gauge
- extensions for 2 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-1-00006	DRSAH-2BC2-1-SK1-001-PS250-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-1-00007	DRSAH-2BC2-1-SK1-006-PS250-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-1-00008	DRSAH-2BC2-1-SK1-009-PS250-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-1-00012	DRSAH-2BC2-1-SK1-009-PS250-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-1-00009	DRSAH-2BC2-1-SK1-010-PS250-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-1-00010	DRSAH-2BC2-1-SK1-014-PS250-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-2-00001	DRSAH-2BC2-2-SK1-001-PS250-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-2-00014	DRSAH-2BC2-2-SK1-006-PS250-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-2-00015	DRSAH-2BC2-2-SK1-009-PS250-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-2-00017	DRSAH-2BC2-2-SK1-009-PS250-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-2-00013	DRSAH-2BC2-2-SK1-010-PS250-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-2-00016	DRSAH-2BC2-2-SK1-014-PS250-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-3-00005	DRSAH-2BC2-3-SK1-001-PS250-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-3-00006	DRSAH-2BC2-3-SK1-006-PS250-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-3-00013	DRSAH-2BC2-3-SK1-009-PS250-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-3-00024	DRSAH-2BC2-3-SK1-009-PS250-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-3-00011	DRSAH-2BC2-3-SK1-010-PS250-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-3-00010	DRSAH-2BC2-3-SK1-014-PS250-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-4-00010	DRSAH-2BC2-4-SK1-001-PS250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-4-00008	DRSAH-2BC2-4-SK1-006-PS250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-4-00019	DRSAH-2BC2-4-SK1-009-PS250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-4-00022	DRSAH-2BC2-4-SK1-009-PS250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-4-00011	DRSAH-2BC2-4-SK1-010-PS250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-4-00020	DRSAH-2BC2-4-SK1-014-PS250-PI025B-MA-VM6-ES

Manifold manual type DRSAH 1SS2 with automatic changeover

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulators, single stage, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to **DIN 837** inlet filters 50 µm and relief valves , stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	360 mm x 140 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	5,2 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



Options:
- regulating and shut off valve
- internal or external purge system
- pressure gauge
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
12 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1SS2-4-00002	DRSAH-1SS2-4-SK1-001-PS250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-1SS2-4-00003	DRSAH-1SS2-4-SK1-005-PS250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1SS2-4-00004	DRSAH-1SS2-4-SK1-006-PS250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-1SS2-4-00005	DRSAH-1SS2-4-SK1-008-PS250-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-4-00006	DRSAH-1SS2-4-SK1-009-PS250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1SS2-4-00007	DRSAH-1SS2-4-SK1-010-PS250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1SS2-4-00008	DRSAH-1SS2-4-SK1-014-PS250-PI025B-MA-VM6
28 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1SS2-5-00003	DRSAH-1SS2-5-SK1-001-PS250-PI040B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-1SS2-5-00004	DRSAH-1SS2-5-SK1-005-PS250-PI040B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1SS2-5-00005	DRSAH-1SS2-5-SK1-006-PS250-PI040B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-1SS2-5-00008	DRSAH-1SS2-5-SK1-008-PS250-PI040B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-5-00006	DRSAH-1SS2-5-SK1-009-PS250-PI040B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1SS2-5-00002	DRSAH-1SS2-5-SK1-010-PS250-PI040B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1SS2-5-00007	DRSAH-1SS2-5-SK1-014-PS250-PI040B-MA-VM6

Manifold manual type DRSAH 1SS2 with automatic changeover and internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulators, single stage, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to **DIN 837** inlet filters 50 µm and relief valves , stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF, FKM	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 180 mm x 140 mm
Leakage rate	< 1x10^{-8} mbar l/s	Weight	7 kg (7,5 kg bei FS)
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- pressure gauge
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
12 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1SS2-4-00014	DRSAH-1SS2-4-SK1-001-PS250-PI025B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-1SS2-4-00015	DRSAH-1SS2-4-SK1-005-PS250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1SS2-4-00013	DRSAH-1SS2-4-SK1-006-PS250-PI025B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-1SS2-4-00016	DRSAH-1SS2-4-SK1-008-PS250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-4-00017	DRSAH-1SS2-4-SK1-009-PS250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-4-00026	DRSAH-1SS2-4-SK1-009-PS250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1SS2-4-00012	DRSAH-1SS2-4-SK1-010-PS250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1SS2-4-00018	DRSAH-1SS2-4-SK1-014-PS250-PI025B-MA-VM6-ES
28 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1SS2-5-00009	DRSAH-1SS2-5-SK1-001-PS250-PI040B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-1SS2-5-00010	DRSAH-1SS2-5-SK1-005-PS250-PI040B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1SS2-5-00011	DRSAH-1SS2-5-SK1-006-PS250-PI040B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-1SS2-5-00012	DRSAH-1SS2-5-SK1-008-PS250-PI040B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-5-00013	DRSAH-1SS2-5-SK1-009-PS250-PI040B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-5-00023	DRSAH-1SS2-5-SK1-009-PS250-PI040B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1SS2-5-00014	DRSAH-1SS2-5-SK1-010-PS250-PI040B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1SS2-5-00015	DRSAH-1SS2-5-SK1-014-PS250-PI040B-MA-VM6-ES

Manifold manual type DRSAH 1SS2 with automatic changeover and external purge system

W x H x D: 460 mm x 230 mm x 140 mm
Description, technical data and options see above.

Pressure	Gas type	Connection	Article-no.	Description
12 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1SS2-4-00019	DRSAH-1SS2-4-SK1-001-PS250-PI025B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-1SS2-4-00020	DRSAH-1SS2-4-SK1-005-PS250-PI025B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1SS2-4-00021	DRSAH-1SS2-4-SK1-006-PS250-PI025B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-1SS2-4-00022	DRSAH-1SS2-4-SK1-008-PS250-PI025B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-4-00023	DRSAH-1SS2-4-SK1-009-PS250-PI025B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-4-00027	DRSAH-1SS2-4-SK1-009-PS250-PI025B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1SS2-4-00024	DRSAH-1SS2-4-SK1-010-PS250-PI025B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1SS2-4-00025	DRSAH-1SS2-4-SK1-014-PS250-PI025B-MA-VM6-FS
28 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1SS2-5-00016	DRSAH-1SS2-5-SK1-001-PS250-PI040B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-1SS2-5-00017	DRSAH-1SS2-5-SK1-005-PS250-PI040B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1SS2-5-00018	DRSAH-1SS2-5-SK1-006-PS250-PI040B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-1SS2-5-00019	DRSAH-1SS2-5-SK1-008-PS250-PI040B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-5-00020	DRSAH-1SS2-5-SK1-009-PS250-PI040B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-5-00024	DRSAH-1SS2-5-SK1-009-PS250-PI040B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1SS2-5-00021	DRSAH-1SS2-5-SK1-010-PS250-PI040B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1SS2-5-00022	DRSAH-1SS2-5-SK1-014-PS250-PI040B-MA-VM6-FS

Manifold manual type Typ DRSAH 2SS2 with automatic changeover

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulators, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to **DIN 837** inlet filters 50 µm and 1 relief valve and one in-line regulator with working pressure gauge Ø 50 mm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	380 mm x 250 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	6,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- internal or external purge system
- pressure gauge
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-1-00001	DRSAH-2SS2-1-SK1-001-PS250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-1-00002	DRSAH-2SS2-1-SK1-005-PS250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-1-00003	DRSAH-2SS2-1-SK1-006-PS250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-1-00004	DRSAH-2SS2-1-SK1-008-PS250-PI003B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-1-00005	DRSAH-2SS2-1-SK1-009-PS250-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-1-00006	DRSAH-2SS2-1-SK1-010-PS250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-1-00007	DRSAH-2SS2-1-SK1-014-PS250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-2-00004	DRSAH-2SS2-2-SK1-001-PS250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-2-00011	DRSAH-2SS2-2-SK1-005-PS250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-2-00006	DRSAH-2SS2-2-SK1-006-PS250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-2-00007	DRSAH-2SS2-2-SK1-008-PS250-PI005B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-2-00008	DRSAH-2SS2-2-SK1-009-PS250-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-2-00005	DRSAH-2SS2-2-SK1-010-PS250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-2-00010	DRSAH-2SS2-2-SK1-014-PS250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-3-00001	DRSAH-2SS2-3-SK1-001-PS250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-3-00010	DRSAH-2SS2-3-SK1-005-PS250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-3-00011	DRSAH-2SS2-3-SK1-006-PS250-PI009B-MA-VM6
	not flammable/toxic corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-3-00012	DRSAH-2SS2-3-SK1-008-PS250-PI009B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-3-00013	DRSAH-2SS2-3-SK1-009-PS250-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-3-00002	DRSAH-2SS2-3-SK1-010-PS250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-3-00014	DRSAH-2SS2-3-SK1-014-PS250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-4-00001	DRSAH-2SS2-4-SK1-001-PS250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-4-00002	DRSAH-2SS2-4-SK1-005-PS250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-4-00003	DRSAH-2SS2-4-SK1-006-PS250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-4-00004	DRSAH-2SS2-4-SK1-008-PS250-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-4-00005	DRSAH-2SS2-4-SK1-009-PS250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-4-00006	DRSAH-2SS2-4-SK1-010-PS250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-4-00007	DRSAH-2SS2-4-SK1-014-PS250-PI025B-MA-VM6

Manifold manual type DRSAH 2SS2 with automatic changeover and internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulators, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to **DIN 837** inlet filters 50 µm and 1 relief valve and one in-line regulator with working pressure gauge Ø 50 mm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 250 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	7,9 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- pressure gauge
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-1-00009	DRSAH-2SS2-1-SK1-001-PS250-PI003B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-1-00010	DRSAH-2SS2-1-SK1-005-PS250-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-1-00011	DRSAH-2SS2-1-SK1-006-PS250-PI003B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-1-00012	DRSAH-2SS2-1-SK1-008-PS250-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-1-00013	DRSAH-2SS2-1-SK1-009-PS250-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-1-00023	DRSAH-2SS2-1-SK1-009-PS250-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-1-00014	DRSAH-2SS2-1-SK1-010-PS250-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-1-00015	DRSAH-2SS2-1-SK1-014-PS250-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-2-00014	DRSAH-2SS2-2-SK1-001-PS250-PI005B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-2-00019	DRSAH-2SS2-2-SK1-005-PS250-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-2-00015	DRSAH-2SS2-2-SK1-006-PS250-PI005B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-2-00016	DRSAH-2SS2-2-SK1-008-PS250-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-2-00017	DRSAH-2SS2-2-SK1-009-PS250-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-2-00027	DRSAH-2SS2-2-SK1-009-PS250-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-2-00012	DRSAH-2SS2-2-SK1-010-PS250-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-2-00018	DRSAH-2SS2-2-SK1-014-PS250-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-3-00005	DRSAH-2SS2-3-SK1-001-PS250-PI009B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-3-00019	DRSAH-2SS2-3-SK1-005-PS250-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-3-00020	DRSAH-2SS2-3-SK1-006-PS250-PI009B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-3-00021	DRSAH-2SS2-3-SK1-008-PS250-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-3-00003	DRSAH-2SS2-3-SK1-009-PS250-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-3-00027	DRSAH-2SS2-3-SK1-009-PS250-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-3-00004	DRSAH-2SS2-3-SK1-010-PS250-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-3-00022	DRSAH-2SS2-3-SK1-014-PS250-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-4-00010	DRSAH-2SS2-4-SK1-001-PS250-PI025B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-4-00020	DRSAH-2SS2-4-SK1-005-PS250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-4-00011	DRSAH-2SS2-4-SK1-006-PS250-PI025B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-4-00021	DRSAH-2SS2-4-SK1-008-PS250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-4-00012	DRSAH-2SS2-4-SK1-009-PS250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-4-00030	DRSAH-2SS2-4-SK1-009-PS250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-4-00009	DRSAH-2SS2-4-SK1-010-PS250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-4-00022	DRSAH-2SS2-4-SK1-014-PS250-PI025B-MA-VM6-ES

Manifold manual type DRSAH 2SS2 with automatic changeover and external purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulators, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to **DIN 837** inlet filters 50 µm and 1 relief valve and one in-line regulator with working pressure gauge Ø 50 mm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF, FKM	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 250 mm x 140 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	8,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- pressure gauge
- extensions to 4/6 or more cylinders
- other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-1-00016	DRSAH-2SS2-1-SK1-001-PS250-PI003B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-1-00017	DRSAH-2SS2-1-SK1-005-PS250-PI003B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-1-00018	DRSAH-2SS2-1-SK1-006-PS250-PI003B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-1-00019	DRSAH-2SS2-1-SK1-008-PS250-PI003B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-1-00020	DRSAH-2SS2-1-SK1-009-PS250-PI003B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-1-00024	DRSAH-2SS2-1-SK1-009-PS250-PI003B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-1-00021	DRSAH-2SS2-1-SK1-010-PS250-PI003B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-1-00022	DRSAH-2SS2-1-SK1-014-PS250-PI003B-MA-VM6-FS
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-2-00020	DRSAH-2SS2-2-SK1-001-PS250-PI005B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-2-00021	DRSAH-2SS2-2-SK1-005-PS250-PI005B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-2-00022	DRSAH-2SS2-2-SK1-006-PS250-PI005B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-2-00023	DRSAH-2SS2-2-SK1-008-PS250-PI005B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-2-00024	DRSAH-2SS2-2-SK1-009-PS250-PI005B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-2-00028	DRSAH-2SS2-2-SK1-009-PS250-PI005B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-2-00025	DRSAH-2SS2-2-SK1-010-PS250-PI005B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-2-00026	DRSAH-2SS2-2-SK1-014-PS250-PI005B-MA-VM6-FS
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-3-00007	DRSAH-2SS2-3-SK1-001-PS250-PI009B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-3-00023	DRSAH-2SS2-3-SK1-005-PS250-PI009B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-3-00017	DRSAH-2SS2-3-SK1-006-PS250-PI009B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-3-00009	DRSAH-2SS2-3-SK1-008-PS250-PI009B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-3-00024	DRSAH-2SS2-3-SK1-009-PS250-PI009B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-3-00028	DRSAH-2SS2-3-SK1-009-PS250-PI009B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-3-00025	DRSAH-2SS2-3-SK1-010-PS250-PI009B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-3-00026	DRSAH-2SS2-3-SK1-014-PS250-PI009B-MA-VM6-FS
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-4-00023	DRSAH-2SS2-4-SK1-001-PS250-PI025B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-4-00024	DRSAH-2SS2-4-SK1-005-PS250-PI025B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-4-00025	DRSAH-2SS2-4-SK1-006-PS250-PI025B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-4-00026	DRSAH-2SS2-4-SK1-008-PS250-PI025B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-4-00027	DRSAH-2SS2-4-SK1-009-PS250-PI025B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-4-00031	DRSAH-2SS2-4-SK1-009-PS250-PI025B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-4-00028	DRSAH-2SS2-4-SK1-010-PS250-PI025B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-4-00029	DRSAH-2SS2-4-SK1-014-PS250-PI025B-MA-VM6-FS

Tapping points type ENS 1BC1

consisting of wall fixture, shut off valve in inlet and regulator single stage, inlet pressure up to 70 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837,** with inlet shut off valve

Technical Data			Flow chart see page 5
Body	brass chrome-plated	Inlet	clamp ring 6 mm
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	100 mm x 170 mm x 95 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	1,8 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request
- wall holder see page 49

Pressure	Gas type	Article-no.	Description
0 - 1,5 bar	fuel gases/inert gases	ENS-1BC1-1-00006	ENS-1BC1-1-AM6-PI000-PI003B-VM6
	oxygen	ENS-1BC1-1-00003	ENS-1BC1-1-AM6-PI000-PI003B-VM6-OX
0 - 3,5 bar	fuel gases/inert gases	ENS-1BC1-2-00001	ENS-1BC1-2-AM6-PI000-PI005B-VM6
	oxygen	ENS-1BC1-2-00005	ENS-1BC1-2-AM6-PI000-PI005B-VM6-OX
0 - 7,0 bar	fuel gases/inert gases	ENS-1BC1-3-00001	ENS-1BC1-3-AM6-PI000-PI009B-VM6
	oxygen	ENS-1BC1-3-00004	ENS-1BC1-3-AM6-PI000-PI009B-VM6-OX
0 - 15,0 bar	fuel gases/inert gases	ENS-1BC1-4-00001	ENS-1BC1-4-AM6-PI000-PI025B-VM6
	oxygen	ENS-1BC1-4-00004	ENS-1BC1-4-AM6-PI000-PI025B-VM6-OX

Tapping points type ENS 1SS1

consisting of wall fixture, shut off valve in inlet and regulator single stage, inlet pressure up to 70 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837,** with inlet shut off valve

Technical Data			Flow chart see page 5
Body	stainless steel 1.4404	Inlet	clamp ring 6 mm
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	100 mm x 170 mm x 95 mm
Leakage rate	< $1x10^{-8}$ mbar l/s	Weight	1,8 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Options:
- regulating and shut off valve
- contact gauge or pressure transducer
- other inlet or outlet connections and pressure ranges on request
- wall holder see page 49

Pressure	Gas type	Article-no.	Description
0 - 1,5 bar	fuel gases/inert gases/toxic/corrosive	ENS-1SS1-1-00004	ENS-1SS1-1-AM6-PI000-PI003B-VM6
	oxygen	ENS-1SS1-1-00005	ENS-1SS1-1-AM6-PI000-PI003B-VM6-OX
0 - 3,5 bar	fuel gases/inert gases/toxic/corrosive	ENS-1SS1-2-00001	ENS-1SS1-2-AM6-PI000-PI005B-VM6
	oxygen	ENS-1SS1-2-00006	ENS-1SS1-2-AM6-PI000-PI005B-VM6-OX
0 - 7,0 bar	fuel gases/inert gases/toxic/corrosive	ENS-1SS1-3-00001	ENS-1SS1-3-AM6-PI000-PI009B-VM6
	oxygen	ENS-1SS1-3-00005	ENS-1SS1-3-AM6-PI000-PI009B-VM6-OX
0 - 15,0 bar	fuel gases/inert gases/toxic/corrosive	ENS-1SS1-4-00001	ENS-1SS1-4-AM6-PI000-PI025B-VM6
	oxygen	ENS-1SS1-4-00002	ENS-1SS1-4-AM6-PI000-PI025B-VM6-OX

Wall fixing ring for ENS

made from aluminium, quick connect for direct wall fixture of tapping points type ENS

	Article-no.
wall fixing ring	450-00047

Wall bracket SS für ENS

made from aluminium with plastic end caps for wall fixture of tapping points type ENS, in lengths to fixture various tapping points available

		Article-no.
wall bracket	1-way	450-00102
	2-way	450-00127
	3-way	450-00128
	4-way	450-00129
	5-way	450-00130

Cylinder extraction valve type FEV-BC

for one cylinder with max. pressure of 70 bar, consisting of cylinder connection, t-piece with gauge and regulating valve

Gas type	Connection	Article-no.	Description
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	FEVBC-BG-00001	FEVBC-BG-HD1-001-PI100-AM6
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	FEVBC-BG-00002	FEVBC-BG-HD1-006-PI100-AM6
synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	FEVBC-BG-00003	FEVBC-BG-HD1-009-PI100-AM6-SL
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	FEVBC-BG-00017	FEVBC-BG-SK1-009-PI100-MM6-OX
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	FEVBC-BG-00004	FEVBC-BG-HD1-010-PI100-AM6
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	FEVBC-BG-00005	FEVBC-BG-HD1-014-PI100-AM6

Cylinder extraction valve type FEV-SS

for one cylinder with max. pressure of 70 bar, consisting of cylinder connection, t-piece with gauge and regulating valve

Gas type	Connection	Article-no.	Description
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	FEVSS-BG-00001	FEVSS-BG-HD1-001-PI100-AM6
fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	FEVSS-BG-00002	FEVSS-BG-SK1-005-PI100-AM6
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	FEVSS-BG-00003	FEVSS-BG-HD1-006-PI100-AM6
SO_2	DIN 477-1 Nr. 7, G 5/8 RH	FEVSS-BG-00005	FEVSS-BG-HD1-007-PI100-AM6
not flammable/ toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	FEVSS-BG-00004	FEVSS-BG-SK1-008-PI009-AM6
synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	FEVSS-BG-00006	FEVSS-BG-HD1-009-PI100-AM6-SL
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	FEVSS-BG-00023	FEVSS-BG-SK1-009-PI100-MM6-OX
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	FEVSS-BG-00007	FEVSS-BG-HD1-010-PI100-AM6
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	FEVSS-BG-00008	FEVSS-BG-HD1-014-PI100-AM6

Decanting adapter type FzF-BC

to decant from a gas cylinder to a small cylinder, with cylinder connection on both sides, with gauge Ø 40 mm and purge valve

Gas type	Connection	Article-no.	Description
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	190-00035	FzF-BC-HD1L-001-PI315-HD1R-001
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH	190-00036	FzF-BC-HD1L-006-PI315-HD1R-006
synthetic oxygen	DIN 477-1 Nr.9 G3/4 RH	190-00037	FzF-BC-HD1L-009-PI315-HD1R-009-SL
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	190-00040	FzF-BC-SK1L-009-PI315-SK1R-009-OX
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH	190-00038	FzF-BC-HD1L-010-PI315-HD1R-010
test gases	DIN 477-1 Nr.14 M19x1,5 LH	190-00039	FzF-BC-HD1L-014-PI315-HD1R-014

example manual mounting

Decanting adapter type Typ FzF-SS

to decant from a gas cylinder to a small cylinder, with cylinder connection on both sides, with gauge Ø 40 mm and purge valve

Gas type	Connection	Article-no.	Description
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	190-00013	FzF-SS-HD1L-001-PI250-HD1R-001
fuel gases/toxic	DIN 477-1 Nr.5 W1x1/14 LH	190-00027	FzF-SS-SK1L-005-PI250-SK1R-005
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH	190-00028	FzF-SS-HD1L-006-PI250-HD1R-006
not flammable/ toxic/corrosive	DIN 477-1 Nr.8 W1x1/14 RH	190-00029	FzF-SS-SK1L-008-PI250-SK1R-008
synthetic oxygen	DIN 477-1 Nr.9 G3/4 RH	190-00014	FzF-SS-HD1L-009-PI250-HD1R-009-SL
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	190-00041	FzF-SS-SK1L-009-PI315-SK1R-009-OX
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH	190-00015	FzF-SS-HD1L-010-PI250-HD1R-010
test gases	DIN 477-1 Nr.14 M19x1,5 LH	190-00016	FzF-SS-HD1L-014-PI250-HD1R-014

example hexagon nut

Cylinder connections

Brass with *hexagon nut*, brass chrome-plated fitting, fitting length 80 mm, 1/4" NPT-M

Gas type	Connection	Überwurfmutter	Dichtung	Article-no.
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	brass chrome-plated	PVDF	170-00018
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH		PVDF	170-00022
oxygen	DIN 477-1 Nr.9 G3/4 RH		Kupfer	170-00027
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH		PVDF	170-00029
test gases	DIN 477-1 Nr.14 M19x1,5 LH		PVDF	170-00032

Cylinder connections

Stainless steel with *hexagon nut*, stainless steel fitting, fitting length 80 mm, 1/4" NPT-M

Gas type	Connection	Überwurfmutter	Dichtung	Article-no.
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	brass chrome-plated	PVDF	170-00019
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH		PVDF	170-00023
not flammable/ toxic/corrosive	DIN 477-1 Nr.8 W1x1/14 RH		PVDF	170-00025
oxygen	DIN 477-1 Nr.9 G3/4 RH		Kupfer	170-00028
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH		PVDF	170-00030
test gases	DIN 477-1 Nr.14 M19x1,5 LH		PVDF	170-00033

Seals for hexagon nut

Gas type	Material	Article-no.
fuel gases, inert gases, nitrogen	PVDF	030-00011
not flammable/toxic/corrosive		030-00010
test gases		030-00008
oxygen	Kupfer	030-00059

Cylinder connections

Brass with *manual mounting*, brass chrome-plated fitting, fitting length 80 mm, 1/4" NPT-M

Gas type	Connection	Überwurfmutter		Dichtung	Article-no.
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	aluminium anodized:	rot	EPDM	170-00153
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH		grau	EPDM	170-00241
synth. Luft	DIN 477-1 Nr.9 G3/4 RH		blau	EPDM	170-00357
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH		grün	EPDM	170-00296
test gases	DIN 477-1 Nr.14 M19x1,5 LH		natur	EPDM	170-00263
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	aluminium anodized:	rot	FKM	170-00433
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH		grau	FKM	170-00434
synth. Luft	DIN 477-1 Nr.9 G3/4 RH		blau	FKM	170-00435
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH		grün	FKM	170-00436
test gases	DIN 477-1 Nr.14 M19x1,5 LH		natur	FKM	170-00437

Cylinder connections

Stainless steel with *manual mounting*, stainless steel fitting, fitting length 80 mm, 1/4" NPT-M

Gas type	Connection	Überwurfmutter		Dichtung	Article-no.
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	aluminium anodized:	rot	EPDM	170-00168
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH		grau	EPDM	170-00154
synth. Luft	DIN 477-1 Nr.9 G3/4 RH		blau	EPDM	170-00225
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH		grün	EPDM	170-00224
test gases	DIN 477-1 Nr.14 M19x1,5 LH		natur	EPDM	170-00226
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	aluminium anodized:	rot	FKM	170-00438
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH		grau	FKM	170-00439
synth. Luft	DIN 477-1 Nr.9 G3/4 RH		blau	FKM	170-00440
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH		grün	FKM	170-00441
test gases	DIN 477-1 Nr.14 M19x1,5 LH		natur	FKM	170-00442

Seals for manual mounting

Gas type	Material	Article-no.
fuel gases, inert gases, nitrogen	EPDM	110-00030
not flammable/toxic/corrosive		110-00030
test gases		110-00020
synthetic oxygen		110-00030
fuel gases, inert gases, nitrogen	FKM	110-00070
not flammable/toxic/corrosive		110-00070
test gases		110-00048
synthetic oxygen		110-00070

Gas cylinder Al0,5 BG

Gas cylinder Al0,5 BG aluminium cylinder brushed with valve acc. to **DIN 477**, filling volume 0,5 liter, with ECapproval ADR, conformity declaration and π-marking

Technical Data					
Body	aluminium anodized	$p_{e\,max}$	200 bar	da	acc. to DIN 477
Ventile	brass chrome-plated	Ø	70 mm	M	1,050 kg
Seals	EPDM, PTFE	H incl. ventile	310 mm		

Gas type	Connection	Article-no.	Description
hydrogen	DIN 477-1 Nr. 1, W 21,8x1/14 LH	150-00030	aluminium gas cylinder 0,5 l with ventile for hydrogen
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	150-00075	aluminium gas cylinder 0,5 l with ventile for inert gases
compressed air	DIN 477-1 Nr. 13, G 5/8 RH	150-00034	aluminium gas cylinder 0,5 l with ventile for compressed air
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	150-00032	aluminium gas cylinder 0,5 l with ventile for nitrogen
synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	150-00031	aluminium gas cylinder 0,5 l with ventile for synth. Luft
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	150-00033	aluminium gas cylinder 0,5 l with ventile for test gases

Gas cylinder BG V

steel cylinder with valve acc. to **DIN 477,** filling volume 1,0 liter with EC-approval ADR, conformity declaration and π-marking

Technical Data					
Body	steel colour coated	$p_{e\,max}$	200 bar	da	acc. to DIN 477
Ventile	brass chrome-plated	Ø	80 mm	M	2,0 kg
Seals	EPDM, PTFE	H incl. ventile	360 mm		

Gas type	Connection	Article-no.	Description
hydrogen	DIN 477-1 Nr. 1, W 21,8x1/14 LH	150-00097	stainless steel gas cylinder 1,0 l with ventile for hydrogen
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	150-00100	stainless steel gas cylinder 1,0 l with ventile for inert gases
compressed air	DIN 477-1 Nr. 13, G 5/8 RH	150-00096	stainless steel gas cylinder 1,0 l with ventile for compressed air
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	150-00099	stainless steel gas cylinder 1,0 l with ventile for nitrogen
synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	150-00098	stainless steel gas cylinder 1,0 l with ventile for synthetic oxygen
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	150-00051	stainless steel gas cylinder 1,0 l with ventile for test gases

Gas cylinder cabinet

1,5 mm sheet metal, coated, colour grey-white RAL 9002, with ventilation opening, mounting rack, 3-side locking with safety barrel lock, cylinder rack, tension belt and chequered plate ground

Size	Cylinder quantity	Weight	Article-no.
650 x 400 x 2.050 mm	2 cylinders	85 kg	150-00053
950 x 400 x 2.050 mm	3 cylinders	103 kg	150-00048
1.250 x 400 x 2.050 mm	4 cylinders	125 kg	150-00052

Cylinder rack

for cylinders B50 or B10 including blue tape 1000 x 25 mm with lock and fixing material

	Article-no.
cylinder rack	220-00013

Gas cylinder cabinet G30

steel panel corpus, power-coated, 30 minutes fire resistant acc. to **DIN EN 14470-2**, purge connection (NW 75) on top of cabinet, feed through possibility in cabinet ceiling complete with 2 mounting racks, roll in hatch, cylinder rack and tension belts, marking acc. to **EN 14470-2**, body light grey RAL7035, doors Rubin red RAL3003

Cylinder quantity	Outer size	Inner size	Weight	Article-no.
1 cylinder	595 x 595 x 2099 mm	500 x 404 x 1880 mm	ca. 283 kg	150-00057
2 cylinders	895 x 595 x 2099 mm	800 x 439 x 1880 mm	ca. 420 kg	150-00058
3 cylinders	1195 x 596 x 2099 mm	1100 x 439 x 1880 mm	ca. 523 kg	150-00059
4 cylinders	1395 x 596 x 2099 mm	1300 x 439 x 1880 mm	ca. 588 kg	150-00045

Gas cylinder cabinet G90

steel panel corpus, power-coated, 90 minutes fire resistant acc. to **DIN EN 14470-2**, purge connection (NW 75) on top of cabinet, feed through possibility in cabinet ceiling complete with 2 mounting racks, roll in hatch, cylinder rack and tension belts, marking acc. to **EN 14470-2**, body light grey RAL7035, doors Rubin red RAL3003

Cylinder quantity	Outer size	Inner size	Weight	Article-no.
1 cylinders	595 x 610 x 2099 mm	438 x 392 x 1848 mm	ca. 385 kg	150-00062
2 cylinders	895 x 610 x 2099 mm	738 x 408 x 1848 mm	ca. 524 kg	150-00061
3 cylinders	1195 x 610 x 2099 mm	1038 x 408 x 1848 mm	ca. 655 kg	150-00054
4 cylinders	1395 x 610 x 2099 mm	1238 x 408 x 1848 mm	ca. 740 kg	150-00055

Purge top for gas cylinder cabinet

made from 1,5 mm steel sheet, coated, color grey-white RAL 9002, ventilation opening, mounting rails, triple locking system, safety cylinder lock, gas cylinder holder, straps

Type	Article-no.
Monitoring of volumes and power supply system, optical and acoustical signalling, dry contacts for external signalling, internal battery buffering up to 4h power blackout for the operating of the signalling (not ventilation)	150-00046
with ventilator without monitoring for safety cabinets	150-00060

Connection collar

for exhaust air monitoring, 2 PVC collars with 4 tension belts zinc coated

	Article-no.
connection collar	150-00050

Hose 6kt

stainless steel hose to connect cylinders to rail systems or manifolds, with in-liner made from corrugated steel sheet with stainless steel netting outside, with anti kink spring complete welded and tested, inlet acc. to **DIN 477-1**, hexagon nut with 90° elbow, outlet 1/4" NPT-F, length 1.000 mm, DN6, PN 300, other lengths and connections on request

Gas type	Connection	Material cylinder connector	Article-no.	Description
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	stainless steel	350-00012	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.01 x 90° SK SS
fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH		350-00020	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.05 x 90° SK SS
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH		350-00022	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.06 x 90° SK SS
not flammable/ toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH		350-00026	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.08 x 90° SK SS
oxygen	DIN 477-1 Nr. 9, G 3/4 RH		350-00028	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.09 x 90° SK SS
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH		350-00030	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.10 x 90° SK SS
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH		350-00038	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.14 x 90° SK SS
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	brass chrome-plated	350-00160	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.01 x 90° SK BC
fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH		350-00161	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.05 x 90° SK BC
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH		350-00162	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.06 x 90° SK BC
oxygen	DIN 477-1 Nr. 9, G 3/4 RH		350-00163	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.09 x 90° SK BC
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH		350-00164	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.10 x 90° SK BC
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH		350-00165	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.14 x 90° SK BC

Hose HD

stainless steel hose to connect cylinders to rail systems or manifolds, with in-liner made from corrugated steel sheet with stainless steel netting outside, with anti kink spring complete welded and tested, inlet acc. to **DIN 477-1**, hand tight nut with 90° elbow, outlet 1/4" NPT-F, length 1.000mm, DN6, PN 300, other lengths and connections on request

Gas type	Connection	Material cylinder connector	Article-no.	Description
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	stainless steel	350-00011	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.01 x 90° HD SS
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH		350-00021	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.06 x 90° HD SS
oxygen	DIN 477-1 Nr. 9, G 3/4 RH		350-00027	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.09 x 90° HD SS
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH		350-00029	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.10 x 90° HD SS
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH		350-00037	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.14 x 90° HD SS
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	brass chrome-plated	350-00166	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.01 x 90° HD BC
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH		350-00167	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.06 x 90° HD BC
oxygen	DIN 477-1 Nr. 9, G 3/4 RH		350-00168	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.09 x 90° HD BC
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH		350-00169	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.10 x 90° HD BC
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH		350-00170	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.14 x 90° HD BC

Gauge Ø 50 mm

bourdon gauge with body diameter 40 mm, connection radial down 1/8" NPT-M, class 1.6 at stainless steel, class 2.5 at brass nickel-plated, **DIN 837**

Pressure range	Material	Article-no.	Description
-1 - 1,5 bar	brass nickel-plated	290-00039	PI 50 MM BOURDON -1/001,5 BAR 1/4 NPT
-1 - 3,0 bar		290-00042	PI 50 MM BOURDON -1/003 BAR 1/4 NPT
-1 - 5,0 bar		290-00045	PI 50 MM BOURDON -1/005 BAR 1/4 NPT
-1 - 9,0 bar		290-00048	PI 50 MM BOURDON -1/009 BAR 1/4 NPT
0 - 16,0 bar		290-00019	PI 50 MM BOURDON 0/016 BAR 1/4 NPT
0 - 25,0 bar		290-00023	PI 50 MM BOURDON 0/025 BAR 1/4 NPT
0 - 40,0 bar		290-00025	PI 50 MM BOURDON 0/040 BAR 1/4 NPT
0 - 60,0 bar		290-00028	PI 50 MM BOURDON 0/060 BAR 1/4 NPT
0 - 100 bar		290-00030	PI 50 MM BOURDON 0/100 BAR 1/4 NPT
0 - 315 bar		290-00035	PI 50 MM BOURDON 0/315 BAR 1/4 NPT
0 - 400 bar		290-00037	PI 50 MM BOURDON 0/400 BAR 1/4 NPT
-1 - 1,5 bar	stainless steel	290-00041	PI 50 MM BOURDON -1/001,5 BAR 1/4 NPT
-1 - 3,0 bar		290-00044	PI 50 MM BOURDON -1/003 BAR 1/4 NPT
-1 - 5,0 bar		290-00047	PI 50 MM BOURDON -1/005 BAR 1/4 NPT
-1 - 9,0 bar		290-00050	PI 50 MM BOURDON -1/009 BAR 1/4 NPT
0 - 16,0 bar		290-00021	PI 50 MM BOURDON 0/016 BAR 1/4 NPT
0 - 25,0 bar		290-00024	PI 50 MM BOURDON 0/025 BAR 1/4 NPT
0 - 40,0 bar		290-00027	PI 50 MM BOURDON 0/040 BAR 1/4 NPT
0 - 60,0 bar		290-00029	PI 50 MM BOURDON 0/060 BAR 1/4 NPT
0 - 100 bar		290-00032	PI 50 MM BOURDON 0/100 BAR 1/4 NPT
0 - 250 bar		290-00034	PI 50 MM BOURDON 0/250 BAR 1/4 NPT
0 - 400 bar		290-00038	PI 50 MM BOURDON 0/400 BAR 1/4 NPT

Gauge mbar Ø 63 mm

capsule type gauge with body diameter 63 mm, connection radial down 1/4" NPT-M, class 1.6, **DIN 837**

Pressure range	Material	Article-no.	Description
0 - 60 mbar	stainless steel	290-00054	PI 63 MM CAPSULE TYPE 0/060 MBAR 1/4 NPT
0 - 100 mbar		290-00058	PI 63 MM CAPSULE TYPE 0/100 MBAR 1/4 NPT
0 - 160 mbar		290-00060	PI 63 MM CAPSULE TYPE 0/160 MBAR 1/4 NPT
0 - 250 mbar		290-00061	PI 63 MM CAPSULE TYPE 0/250 MBAR 1/4 NPT
0 - 400 mbar		290-00063	PI 63 MM CAPSULE TYPE 0/400 MBAR 1/4 NPT
0 - 600 mbar		290-00065	PI 63 MM CAPSULE TYPE 0/600 MBAR 1/4 NPT

Switch gauge Ø 63 mm

bourdon gauge with body diameter 63 mm, connection radial down 1/4" NPT-M, class 1.6 REED, **DIN 837**

Pressure range	Material	Article-no.	Description
0 - 10 bar	brass nickel-plated	290-00072	PIS 63 MM BOURDON 0/010 BAR 1/4 NPT
0 - 250 bar		290-00069	PIS 63 MM BOURDON 0/250 BAR 1/4 NPT
0 - 400 bar		290-00074	PIS 63 MM BOURDON 0/400 BAR 1/4 NPT
0 - 10 bar	stainless steel	290-00097	PIS 63 MM BOURDON 0/010 BAR 1/4 NPT
0 - 250 bar		290-00071	PIS 63 MM BOURDON 0/250 BAR 1/4 NPT
0 - 400 bar		290-00098	PIS 63 MM BOURDON 0/400 BAR 1/4 NPT

Your way to our production in Solingen

Please enter the following address for your navigation system:
City: Solingen
Street: Erikaweg

Due to the fact that the other side of the "Bonner Straße" (street) at our company has another name, Ohligser Straße (street), no actual navigation system is able to find our number "305".

Close to our premises the "Erikaweg" exits from the "Bonner Straße" (street). When your navigation systems tells you "please turn into the Erikaweg", you can see our company.

Your way to our sales office in Herten

Please enter the following address for your navigation system:
City: 45699 Herten
Street: Doncaster-Platz 5

If your navigation system cannot find the Doncaster-Platz, please enter Albert-Einstein-Allee.

Please left the A2 at the exit 7 Herten direction Herne-Wanne. When you arrive to the Münsterstraße/L638, please turn left. After 1,2 km you reach the Ewaldstraße/L644, Please turn right. At the next junction turn left into Albert-Einstein-Allee and follow it until you see the Doncaster-Platz on the left hand side.

Das GasTech Team is yours at any time

Management/Sales	Wolfgang Groh	0212 / 8809 93	w.groh@gastech.de
	Michael Everwand	0212 / 8809 27	michael@everwand.de
Sales/Purchase	Sigrun Selke	0212 / 8809 91	s.selke@gastech.de
	Birgit Bednarz	0212 / 8809 90	b.bednarz@gastech.de
Production	Stefan Wutzke	0212 / 8809 94	s.wutzke@gastech.de
Accountancy	Sigrun Selke	0212 / 8809 91	s.selke@gastech.de
Fax		0212 / 8809 99	

Standard Terms and Conditions of Sale

Article 1 General and Scope of Application

(1) The following Standard Terms and Conditions of Sale (below: „STCS") shall apply to all our business relations with our customers (below: „buyer"). These STCS shall only apply, if the buyer is a entrepreneur (§ 14 of the German Civil Code; below: „GCC"), a corporate body under public law or a fund assets under public law.
(2) The STCS shall apply especially to contracts of sale and/or supply of movable goods (below: „goods"), without regard to the aspect, if GasTech produces the goods or if GasTech purchases the goods from suppliers (§§ 433, 651 GCC). The STCS shall apply in its respective version as a master agreement to further contracts of sale and/or delivery of movable goods with the same buyer, without having the duty to refer to the STCS in every particular case. The provisions of these STCS shall also apply to all contracts with traders.
(3) Our STCS shall apply exclusively. Divergend, contrary or supplementary standard or general terms and conditions of the buyer only and insofar shall become a component of the contract, as GasTech explicitly agreed in written form to the validity. This requirement shall be necessary in any case, also, for instance, if we supply unconditional to the buyer knowing the buyers standard or general terms and conditions.
(4) Individual stipulations, which are arranged with the buyer in particular cases (including collateral agreements, supplements and modifications) shall have prior validity of these STCS in any case. For the content and the validity of those individual stipulations a contract in written form or the explicit agreement in written form of GasTech shall be mandatory.
(5) Declarations, representations and notifications, which are relevant in law and which the buyer shall declare to GasTech after conlcusion of the contract (for instance fixing of periods, notice of defect, notice of repudiation of contract or abatement of the purchased price) shall be in written form for their effectiveness.
(6) Reference to the validity of legal prescriptions have only clarifiing function. Thus legal prescriptions shall also be valid without such a clarification, as far as these STCS do not modify or explicitly exclude them.
(7) Any typographical, clerical or other error or omission in any sales literature quotation, price list, acceptance of offer, invoice or other document of information issued by GasTech shall be subject to correction without any liability on the part of the seller.
(8) GasTech reserves the right, that any product is subject to improvement or change without any advice, provided that such an improvement or change has no effect on form and function of the product. It shall not be allowed to use our products in critical components of appliances, units, equipments or any other systems of life sustainment without written permission.

Article 2 Orders and Specifications

(1) No order submitted by the buyer shall be deemed to be accepted by GasTech unless and until confirmed in written form by GasTech or GasTech`s representative within 21 days after submittal.
(2) The quantity, quality and description of and any specification of the goods shall be those set out in GasTech`s offer (if accepted by the buyer) or the buyer`s order (if accepted by the seller). Any such specification, sales literature quotation etc. shall be strictly confidential and must not be made available to third parties. The buyer shall be responsible for GasTech for ensuring the accuracy of the terms of any order submitted by the buyer, and for giving GasTech any necessary information relating to the goods within a sufficient time do enable GasTech to perform the contract in accordance with its terms.
(3) If the goods are to be manufactured or any process is to applied to the goods by GasTech, in accordance with a specification submitted by the buyer, the buyer shall indemnify GasTech against all loss, damages, costs and expenses awarded against or incurred by GasTech in connection with any claim for infringement of any patent, copyright, design, trade mark or other industrial or intellectual property rights of any other person which results from GasTech`s use of the buyer`s specification.
(4) GasTech reserves the right to make any changes in the specification of the goods which are required to conform with any applicable statutory requirements or, where the goods are to be supplied to GasTech`s specification, which do not materially affect their quality or performance.
(5) If standard products are subject of the order, the buyer may not cancel or reschedule an order partly or completely without penalty if the order is cancelled less than 5 days before the confirmed shipping date. If non standard products are subject of the order, the buyer may not cancel or reschedule an order partly or completely without penalty if the order is cancelled less than 10 days before the confirmed shipping date.

Article 3 Price of the Goods

(1) The price of the goods shall be GasTech's quoted price.
(2) GasTech reserves the right, by giving notice to the buyer at any time before delivery, to increase the price of the goods to reflect increase in the cost to GasTech which is due to any factor beyond the control of GasTech (such as foreign exchange fluctuation, currency regulation, alteration of duties, significant increase in the costs of materials or other costs of manufacture) or any change in delivery dates.
(3) Except as otherwise stated under the terms of any quotation or in any price list of the seller, and unless otherwise agreed in writing between the buyer and the seller, all prices are given by GasTech on an ex works basis, and where GasTech agrees to deliver the goods otherwise than at GasTech's premises, the buyer shall be liable to pay GasTech's charges for transport, packaging and insurance.
(4) The price is exclusive of any applicable value added tax, which the buyer shall be additionally liable to pay to the seller.

Article 4 Terms of Payment

(1) The buyer shall pay the price of the goods within 30 days of the date of GasTech's invoice. Payment shall be effected by interbank payment transaction only; no cheque or bill of exchange will be considered as fulfilment of the payment obligation.
(2) It may be agreed between the parties that the buyer has to deliver at his own
expense to GasTech a letter of credit issued by his bank (or any bank acceptable to the seller). In this individual case it is assumed that any letter of credit will be issued in accordance with the Uniform Customs and Practice for Documentary Credits, 1993 Revision, ICC Publication No.500.
(3) With expiration of time allowed for payment in Article 4, subparagraph 1 the buyer shall be in delay in payment. During the period of delay in payment the buyer shall pay additionally to the purchased price overdue interest according to the legal regulations. GasTech reserves the right to assert further damage caused by delay. GasTech also reserves the right to claim the trader`s interest in maturity (§ 353 of the German Code of Commercial Law).
(4) The buyer only shall have in this respect a right of set-off or a right of retention as his claim is legally decided or undisputet.
(5) For the case, that after formation of contract it will be recognizable that GasTech`s claim of the buying price will be endangered due to the buyer`s lack of performance (for example by filing for initiation for insolvency), we shall be entitled to refuse performance and – where appropriate after fixing a time limit – to withdraw from the contract (§ 321 GCC). If the contract agreement concerns the production of a specific property item (custom-made item), GasTech immediately can declare withdrawal from the contract; the legal settlements about the dispensability of fixing a time limit remains valid.

Article 5 Delivery

(1) Delivery of the goods shall be made by the buyer collecting the goods at GasTech's premises at any time after GasTech has notified the buyer that the goods are ready for collection or, if some other place for delivery is agreed by the seller, by delivering the goods to that place. GasTech reserves the right to deliver up to 3 % more or 3 % less than the quantity ordered without any adjustment in the price, and the quantity so delivered shall be deemed to be in the quantity ordered.
(2) Delay in delivery and delay in performance due to force majeure and due to events, which cause not only temporary a elementary complicate or impossible delivery – in particular strike, lockouts, regulatory action and so on, also if these events occur at our contractors or sub-contractors -, also in contracts of mandatory fixed time limits or deadlines GasTech shall not be liable for. In these cases we shall be entitled to defer the delivery or performance for the time the interference persists plus an appropriate initial period or concerning the not fulfilled part of the contract to withdraw from parts of or from the whole contract.
(3) If GasTech is liable for the default of mandatory fixed time limits or deadlines or if GasTech is in delay, the buyer shall be entitled to claim a reduction of 0,5 % per week of the price payable under the contract for every week of delay, not exceeding 5 %. This reduction is only to pay if it is confirmed as a contractual penalty by the parties. Further claims are excluded, unless the delay is based on gross negligence of GasTech.
(4) At the latest commencing with handing over the product, the buyer shall bear the risk of danger of accidential destruction and of accidential deterioration of the product. In cases of sale by delivery to a place, the buyer shall bear the risk of danger of accidential destruction and of accidential deterioration of the product commencing as early as handing over the product to the shipping agent, the transport carrier or any other person or institution, who or which is destinated to execute the shipping. As far as agreed to a taking delivery this taking delivery shall be deceicive for passing the risk. Apart from that legal prescriptions of contracts to produce a work of the GCC shall also be valid for a agreed taking delivery. Handing over the product respectively taking delivery shall be treated as equal as the buyer is in default in acceptance.

Article 6 Retention of Title

(1) Until GasTech has received full payment of all claims GasTech owns against the buyer the property of the goods shall not pass to the buyer. The secured claims can be claims, present or future, connected to the acual contract or claims connected with the general business relationship with the buyer.
(2) The property in the goods shall not pass to the buyer until GasTech has received payment in full of the price of the goods and all other goods agreed to be sold by GasTech to the buyer for which payment then is due. Processing and transformation shall always take place for GasTech as the producer without any obligation for us. Buyer and seller shall already agree concerning the case, that GasTechs property expires by connection, the property of the unified physical object of the buyer devolves in proportion of the value (invoice value) to GasTech. GasTech shall have absolute authority to retake, sell or otherwise deal with or dispose of all or any part of the goods in which title remains vested in the seller. Until such time as the property in the goods passes to the buyer, the buyer shall hold the goods as GasTech's fiduciary agent, and shall keep the goods properly stored, protected and insured.
(3) Until that time the buyer shall be entitled to resell or use the goods in the ordinary course of its business, but shall account to GasTech for the proceeds of sale or otherwise of the goods including insurance proceeds, and shall keep all such proceeds separate from any moneys or properties of the buyer and third parties. If the goods are processed or reshaped by the buyer and if processing is done with goods that seller has no property in, the seller shall become co-owner of the goods. The same shall apply if GasTech's goods are completely reshaped and mixed with other goods. If third parties take up steps to pledge to otherwise dispose of the goods, the buyer shall immediately notify GasTech in order to
enable GasTech to seek a court injunction in accordance with § 771 of the German Code of Civil Procedure. If the buyer fails to do so in due time he shall be held liable for any damages caused. If the buyer violates the contract – especially delay in payment – GasTech shall be entitled to withdraw from the contract and to reclaim the goods either GasTech is a co-owner or a full owner of the goods.

Article 7 Buyer`s Claims for Defects

(1) The buyer shall be entitled to claim the legal provisions of the german civil law in cases of claims for defects of qualitiy or claims for defects in title (including wrong delivery, short delivery, improper assembling or deficient assembly instruction) as far as below is no deviation from these legal provisions. The special provisions of the delivery of goods to a consumer shall be valid in any case (§§ 478, 479 GCC).
(2) Above all the agreement about the quality of our goods shall be the basis for claims for defects. Such an agreement about the quality of our goods shall be product descriptions, if they are designated as a product description (also descriptions of the producer), which are transfered to the buyer before order or which are integrated into the contract like these STCS.
(3) If there is no agreement about the quality, the regulations of the GCC shall be decisive (§ 434 subparagraph 1 sentence 2 and 3 GCC). We shall not be liable for public remarks of the producer or other third parties (for example advertising messages).
(4) Basis for the buyer`s claims for defects shall be the performence of his legal requirements to notify a defect and to screen the goods (§§ 377, 381 German Code of Commercial Law). If there may appear a defect during the screening or after that, it shall be the buyer`s duty to announce the defect immediately to GasTech in written form. Immediately means that we shall be informed within two weeks. For keeping the time limit due postal dispatch is sufficient. In cases of evident defects (including wrong delivery and short delivery) it shall be the buyer`s duty to announce the defect to GasTech in written form within two weeks as of delivery; this duty shall be independent from the legal requirements to notify a defect and to screen the goods. If the buyer omits the due screening and/ or to announce to GasTech the defect, the liability of GasTech for the not announced defect shall be excluded.
(5) If the deliverd good is defect, GasTech choose as supplementary performance at their option either elimination of the defect (rework) or delivery of a good without a defect (compensation delivery). The right of GasTech to deny the chosen supplementar performance according to the legal regulations is not constrained.
(6) We shall be entitled to condition the owed supplementary performance on the full payment of the payable purchased price. In this case the buyer shall be entitled to retain a appropriate part of the purchased price in proportion to the defect.
(7) The buyer shall allow GasTech to take the necessary time which we need for the owed supplementary performance and to cause occasion; the buyer shall especially transfer the faulty good to GasTech for the intention of investigation. In case of compensation delivery the buyer shall return the defect good to GasTech on the basis of the legal provisions of the German Civil Law.
(8) GasTech shall pay the expenditures, which are necessary for the intention of investigation and supplementary performance, especially expenses of transport, distances, work and material, in cases of an actual defect. If a claim for defect is unjustified, GasTech shall be entitled to claim the costs from the buyer resulting from this action.
(9) In urgent cases, e.g. endangerment of operational safety or defence of unproportional damages, the buyer shall be entitled to remediate the defect autonomously and to claim the objective necessary costs for this purpose from us. If the buyer remediates the defect autonomously, he shall inform GasTech – as far as possible previously - without delay. The buyer shall not be entitled to remediate the defect autononmously, if GasTech would be entitled to deny supplementary performance on the basis of the GCC.
(10) The buyer shall be entitled to withdraw from the contract or to reduce the purchased price, if supplementary performance fails or if a reasonable deadline for the supplementary performance, which the buyer has to fix, expired without success or if the fixing of a deadline is legally superfluous. The right to withdraw from the contract shall be excluded, if the defect is insignificant.
(11) The buyer shall be exclusively entitled to demand damages or to claim wasted expenditures as defined in Article 8 of these STCS. Further charges, demands or claims shall be excluded.
(12) GasTech shall not be liable for defects which originate from construction plans or specifications, provided by the buyer. Neither GasTech shall be liable, if the full, payable purchased price of the goods is not payed at the date of payment.
(13) The claims for defects of article 7 shall not apply to parts, materials or equipment, which were produced by the buyer or by a buyer`s order, unless the producer assumes such a warranty against the seller. From this warranty excluded shall be such defects or damages to products, which refer to wrong installation, improper maintenance, improper use, negligence or other causes, which are based on improper commercial use. The buyer shall inform GasTech in written form within six months commencing with the date of delivery, if he claims a quality defect or a defect concerning the state of the goods or concerning the non-conformity of the goods with the specification.
(14) The buyer looses his claims for defects:
- if he uses the goods improperly, not according to the regulations,
- in case of incomplete or inaccurate information concerning the application,
- if using corrosive media, unless GasTech has given an explicit guarantee after a technical test.

Article 8 Miscellaneous Liability

(1) Concerning the violation of contractual obligations and non-contractual obligations GasTech shall be liable on the relevant legal basis of the German Civil Law as far as these STCS including this article and the following articles do not define an agreement to the contrary.
(2) GasTech shall be liable for damages - no matter on what legal basis - in cases of intent or gross negligence. In cases of ordinary negligence GasTech shall exclusively be liable
a) for damages resulting from violation of life, body or health,
b) for damages resulting from violation of essential contractual obligations (obligation which must be performed to allow a proper fulfillment of the contract and whose compliance the buyer routinely can trust in or may trust in); concerning this case the liability of GasTech shall be reduced to the compensation of the predictable and typically eventuating damage.
(3) The reduced liability in article 8 subparagraph 2 of these STCS shall not apply, as far as GasTech concealed fraudulent a defect or as far as GasTech assumed a guarantee for the quality of the goods. The same shall apply to the buyer`s claims on the basis of the product liability law.
(4) In cases of breach of a duty, which is not a defect, the buyer shall exclusively withdraw from the contract or cancel the contract, if GasTech is liable for the breach of the duty. A right for the buyer to free withdraw from the contract (especially §§ 651, 649 GCC) shall be excluded. Apart from that the legal premises and consequences shall be valid.

Article 9 Force Majeure

GasTech shall not be liable to the buyer for any failure to perform or delay in performance required under this terms due to acts of law, including governmental bodies acting pursuant to law, acts of strikes, lockouts or other labor disturbances, acts of the public enemy, wars, insurrections, riots, lightning, fires, floods, civil disturbances, explosions, breakage or accidents to machinery, or any other cause, whether of the kind enumerated above or otherwise, not reasonably within the control of the party claiming inability to perform.

Article 10 Statute of Limitations

(1) In derogation from § 438 subparagraph 1 number 3 GCC the general statute of limitations for all claims resulting from defects of qualitiy or defects in title shall be one year commencing with delivery. As far as taking delivery is agreed, the general statute of limitations shall commence with the taking delivery.
(2) Though the good is a structure or a building or a part of a structure or a building, which usually is used for a structur or building (building material) and which caused the defect, the statute of limitations shall be according to the rules of the GCC five years commencing with delivery (§ 438 subparagraph 1 number 2 GCC). The legal special provisions for claims of return in rem of third parties (§ 438 subparagraph 1 number 1 GCC), fraudulent intent of the seller (§ 438 subparagraph 3 GCC) and for claims of recourse against the distributor concerning cases of final delivery to a consumer (§ 479 GCC) shall remain valid.
(3) The above-mentioned statute of limitations of the law of sale of goods shall also be valid for the buyer`s contractual and non-contractual claims for damages, which result from a defect of the good, unless the application of the regular legal statute of limitations would cause in a particular case a shorter statute of limitations. The statutes of limitations of the product liability law shall remain valid at all events. Apart from that concerning the buyer`s claims for damage according to article 8 of these STCS the legal statute of limitations of the German Civil Law shall be exclusively valid.

Article 11 Choice of Law and Place of Jurisdiction

(1) For these STCS and all legal relationships between GasTech and the buyer the law of the Federal Republic of Germany shall exclusively be valid. All international and supranational contract regimes and legal regimes, especially UN-sale of goods law, shall be excluded. Requirements and effects of the retention of title according to article 6 of these STCS shall be subject to the law valid at the location of the good or product, as far as the choice of law of the Federal Republic of Germany would be unlawful or ineffective.
(2) If the buyer is a trader within the meaning of the german code of the commercial law, a corporate body under public law or a fund assets under public law the exclusive place of jurisdiction for all litigations resulting direct or indirect from the contractual relationship shall be our place of business in Castrop-Rauxel, Germany. GasTech also shall be entitled to take legal action at the general place of jurisdiction of the buyer.

Castrop-Rauxel, March 2009

Sales office
GasTech GmbH
Doncaster-Platz 5
45699 Herten

Production
GasTech GmbH
Bonner Straße 305
42697 Solingen

Phone: +49 212 8809 90
Fax: +49 212 8809 99
Email: info@gastech.de
Web: www.gastech.de