

Diaphragm seals compact version

benefits

- robust, compact stainless steel design
- ideal for waste water, suspensions and corrosive media
- suitable for high pressure ranges



Application

For mounting to Bourdon tube pressure gauges, pressure transducers or pressure switches. For corrosive, hot and polluted media at high pressures. Specially suitable for mechanical engineering and chemical industry applications.

Technical Specifications

Process connection

stainless steel 316 Ti/316 L
fixed male thread
DIN 3852 type A

diaphragm

stainless steel 316 Ti/316 L
flush, welded to upper body, no dead space

Instrument connection

Welded connection

pressure transmission liquid

Paraffin oil (FM 09), FDA-listed

pressure range

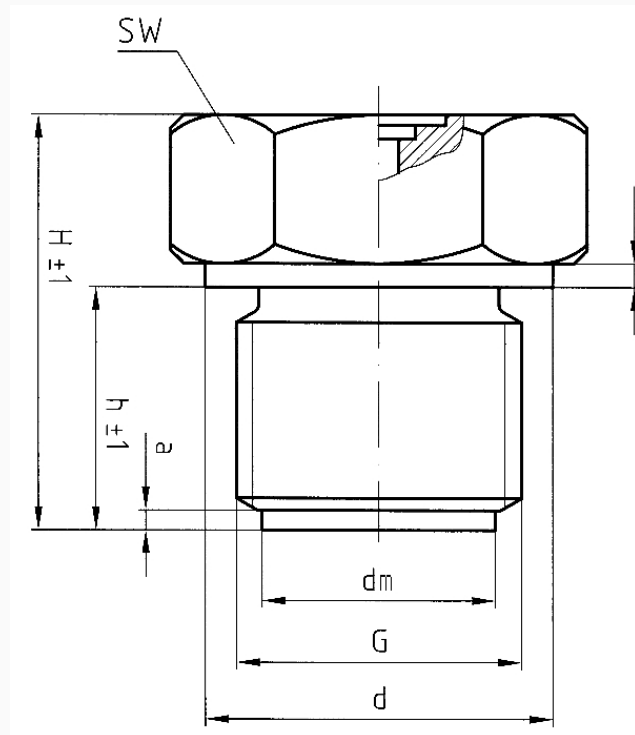
see ordering table

Options

- Adapter for instrument connection G $\frac{1}{4}$ B/G $\frac{1}{2}$ B
- Cooling element (> 100 °C)
- Capillary tube
- other threads
- other materials
- other filling liquids

Technical Drawings

Type MD 21



G	d	dm	h	H	a	b	SW
G½B	26	17,2	17	33,5	3	3	27
G¾B	32	23,5	19	34	3	3	32
G1B	39	28	21	36	3	3	41
G1½B	55	40	25	48	3	3	55
G2B	68	50	27	56	3	3,5	70

Versions

Process connection	standard	Instrument connection	Nominal pressure	minimum range* (in bar) at nominal size						Part no.
				63	100	160	DMU	DMU 13 Vario		
G½B	DIN 3852 type A	Welded connection	PN 600	6 bar	6 bar		1 bar		●	31415W
G¾B	DIN 3852 type A	Welded connection	PN 1000	4 bar	4 bar	4 bar	1 bar		●	31416W
G1B	DIN 3852 type A	Welded connection	PN 1000	4 bar	4 bar	4 bar	1 bar	4 bar	●	31328W
G1½B	DIN 3852 type A	Welded connection	PN 600	0.6 bar	1.6 bar	1.6 bar	0.6 bar	1.6 bar	●	31329W
G2B	DIN 3852 type A	Welded connection	PN 600	0.6 bar	0.6 bar	0.6 bar	0.6 bar	0.6 bar	●	31330W

● in-stock items

● Non-stock items