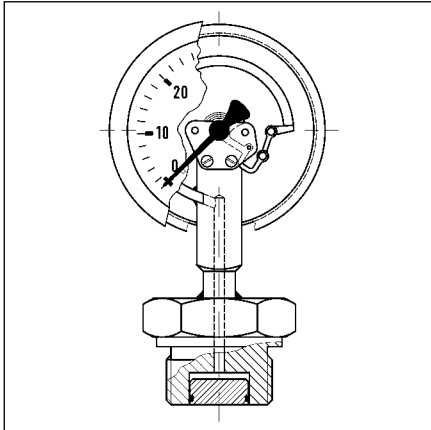


Piston-type diaphragm seal, compact version



Type KD 21

Application

For mounting to Bourdon tube pressure gauges, pressure transducers or pressure switches. For aggressive, hot and polluted media at high pressures. Specially for pressure measurement of abrasive media.

Technical specifications

Process connection

Stainless steel 316 L
Thread G¹/₂B to G2B,
flange connection EN, ANSI, JIS

Diaphragm

Stainless steel 316 L
flush

Instrument connection

Welded connection

Filling liquid

Neobee M-20 (FM 10)

Pressure ranges

0/10 bar to 0/600 bar

Nominal pressure

PN 600

Accuracy

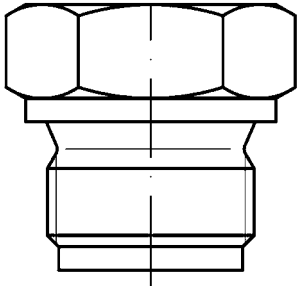
With pressure gauge Cl. 2.5 with
pressure transducer 1.0 % FS

Options

- Adapter for instrument connection G¹/₄/G¹/₂
- Cooling element (> 100 °C)
- Capillary tube
- Flange connections EN, ANSI, JIS
- Other threads
- Other materials

Piston-type diaphragm seal type KD 21



	KD 21 piston-type version for abrasive media Piston stainless steel 316 L, seal Viton								
	Nominal pressure	Process connection	Instrument connection	Minimum measuring range* (in bar) at nominal size				Part no.	Price €
				63	100	160	DMU		
PN 600	G $\frac{1}{2}$ B	welded	10	16	16	4	31420W		
PN 600	G $\frac{3}{4}$ B	welded	10	16	16	4	31421W		
PN 600	G1B	welded	10	16	16	4	31422W		
PN 600	G1 $\frac{1}{2}$ B	welded	10	16	16	4	31423W		
PN 600	G2B	welded	10	16	16	4	31424W		
PN 600	$\frac{1}{2}$ -14 NPT	welded	10	16	16	4	31425W		
PN 600	$\frac{3}{4}$ -14 NPT	welded	10	16	16	4	31426W		
PN 600	1-1 $\frac{1}{2}$ NPT	welded	10	16	16	4	31427W		
PN 600	1 $\frac{1}{2}$ -1 $\frac{1}{2}$ NPT	welded	10	16	16	4	31428W		
PN 600	2-1 $\frac{1}{2}$ NPT	welded	10	16	16	4	31429W		

* Valid for standard filling liquid with direct mounting (without capillary tube) at a room and measured medium temperature of 20 °C.