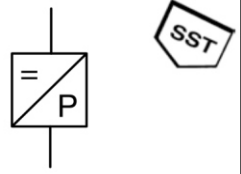


D7 - Transmetteur de pression miniature, Ø 22 mm

D7 - Miniature pressure transducer, Ø 22 mm

Description	The operating pressure is converted into a proportional, electrical signal by a ceramics pressure transducer. After amplification the signal is monitored as an analogue voltage or current signal.		
Media	all non-corrosive media compatible with stainless steel, nylon, silicone, silicone and epoxy		
Supply voltage	12...32 V DC, residual ripple 5%, with reverse voltage protection, max. current consumption 4 mA	Protection class	IP67 according to DIN EN60529
Electrical connector	plug M12x1, 4-pin, with coupling socket		
Output signal	4...20 mA: max. power consumption 260 mW		0...10 V: max. power consumption 50 mW
Linearity/Hysteresis	< 0.2 % FS typ. < 0.5 % FS		
Repeatability	< 0.2 % FS typ. < 0.3 % FS		
Long-term stability	< 0.5 % FS typ. < 1 % FS		
Temperature sensitivity	< 0.03% FS typ./°C < 0.08% FS/°C (0...50 °C)		
Vibration resistance	2 g at 5...500 Hz		
Temperature range	-25 °C to 85 °C / -13 °F to 185 °F		
Response time	5 ms for 10...90% of pressure range		
Material	Body: stainless steel 316L, mat. no. 1.4404		
	Shock resistance	50 g (11ms)	
		Measuring cell: silicone and NBR/Buna-N o-ring	



**accurate to 0.5%
compressed air or liquids**

Dimensions	Over-pressure	Measurement	Order number
B mm	max. bar	range bar	for output signal
			4-20 mA 0-10 V

for non-corrosive media

G½ male, open sensor, with angular coupling socket

D7A 0.5% accurate D7V

52	21.8	0.25	0 ... 10 mbar	D7A-B1*1	D7V-B1*1
		0.25	-10 ... 10 mbar	D7A-B1V*1	D7V-B1V*1
		0.35	0 ... 25 mbar	D7A-B2*1	D7V-B2*1
		0.35	-25 ... 25 mbar	D7A-B2V	D7V-B2V
		1	0 ... 70 mbar	D7A-B7*1	D7V-B7*1
		1	-70 ... 70 mbar	D7A-B7V	D7V-B7V
		1	0 ... 100 mbar	D7A-C1*1	D7V-C1*1
		1	0 ... 200 mbar	D7A-C2*1	D7V-C2*1
		1	0 ... 350 mbar	D7A-C3*1	D7V-C3*1
		1	-350 ... 350 mbar	D7A-C3V	D7V-C3V
		1	0 ... 600 mbar	D7A-C6*1	D7V-C6*1
		1	0 ... 800 mbar	D7A-C8*1	D7V-C8*1
		2	0 ... 1 bar	D7A-01	D7V-01
		2	-1 ... 1 bar	D7A-V1	D7V-V1



D7



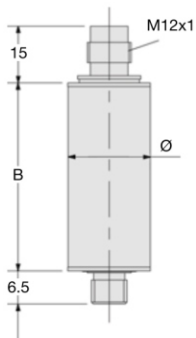
KM12-C4-0

Special options, add the appropriate letter or number

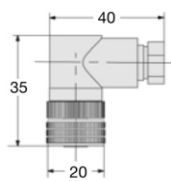
deviant measurement range	to be indicated on order	D7 - XX
G¼ male	connection thread	D7 - . . 02
G¾ male	connection thread	D7 - . . 03
G½ NPTa	connection thread	D7 - . . N
G¼ NPTa	connection thread	D7 - . . 02N

Accessories, enclosed

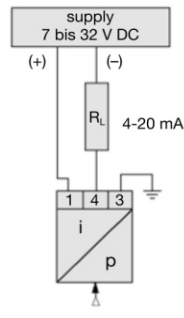
coupling socket 4-pin	M12x1, straight	KM12-A4-0	10,00 angular	KM12-C4-0
socket with cable	2 m, straight	KM12-A4-2	22,00 angular	KM12-C4-2
	5 m, straight	KM12-A4-5	25,00 angular	KM12-C4-5



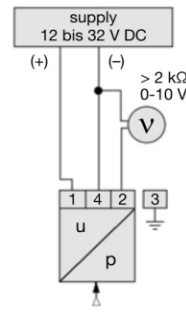
D7



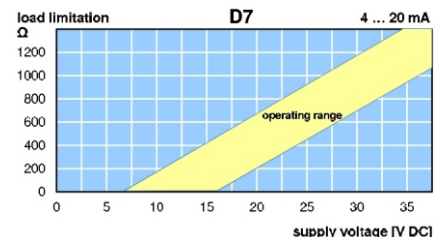
KM12-C4-0



D7A



D7V



*1 Minimum order quantity 5 pieces

*2 Minimum order quantity 10 pieces