
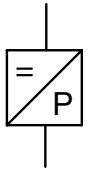


Description	The operating pressure is converted into a proportional, electrical signal by a silicon pressure transducer. After amplification the signal is monitored as an analogue voltage or current signal.	
Media	all media compatible with stainless steel 316L, material no. 1.4404	
Supply voltage	12...32 V DC, residual ripple 5%, reverse voltage protection, max. current consumption 4 mA	
Electrical connection	plug M12x1, 4-pins, with coupling socket	
Outlet signal	4...20 mA: max. power consumption 260 mW	0...10 V: max. power consumption 50 mW
Linearity/Hysteresis	< 0.1 % FS typ.	
Repeatability	< 0.1 % FS typ.	
Long-term stability	< 0.1 % FS typ.	
Temperature sensitivity	< 0.03% FS typical per °C / K at 0 °C to 70 °C / 32 °F to 158 °F	
Response time	5 ms at 10...90% of measuring range	
Vibration sensitivity	10 g at 5...500 Hz	
Mounting position	any	
Material	Body/Diaphragm: stainless steel 316L, material no. 1.4404	
Shock resistance	50 g (11 ms)	
Protection class	IP 67 according to DIN EN60529	
Temperature range	-20 °C to 85 °C / -13 °F to 185 °F	





**0...35 bar, accurate to 0.3%
corrosive media**

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

For corrosive media			G½ male, SST, relative pressure, with angular coupling socket	D9A	D9V
65	21,8	1	0...100 mbar	D9A-C1	D9V-C1
		1	-100...100 mbar	D9A-C1V*1	D9V-C1V*1
		1	0...200 mbar	D9A-C2	D9V-C2
		1	-200...200 mbar	D9A-C2V	D9V-C2V
		1	0...350 mbar	D9A-C3*1	D9V-C3*1
		1	-350...350 mbar	D9A-C3V*1	D9V-C3V*1
		2	0... 1 bar	D9A-01	D9V-01
		4	0... 2 bar	D9A-02*1	D9V-02*1
		10	0... 5 bar	D9A-05*1	D9V-05*1
		20	0... 10 bar	D9A-10	D9V-10
		32	0... 16 bar	D9A-16*1	D9V-16*1
		40	0... 20 bar	D9A-20	D9V-20
		70	0... 35 bar	D9A-35*1	D9V-35*1



D9



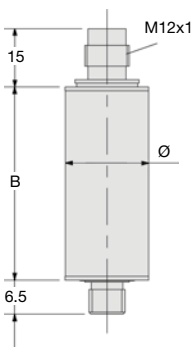
KM12-C4-0

Special options, add the appropriate letter or number

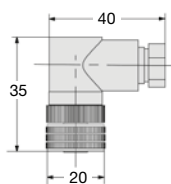
deviant measurement range	to be indicated on order	D9 . -XX
absolute pressure range	lowest measurement range 0...1 bar _{abs}	D9 . . . A*1
G¼ male	connection thread	D9 . . . 02*2
G¾ male	connection thread	D9 . . . 03*2
G½ NPTa	connection thread	D9 . . . N
G¼ NPTa	connection thread	D9 . . . 02N
for oxygen	specialy cleaned	D9 . . . 15

Accessories, enclosed

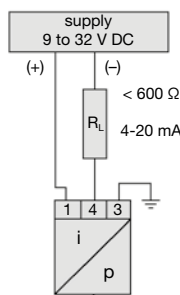
coupling socket 4-pin	M12x1, straight	KM12-A4-0	angular	KM12-C4-0
socket with cable	2 m, straight	KM12-A4-2	angular	KM12-C4-2
	5 m, straight	KM12-A4-5	angular	KM12-C4-5



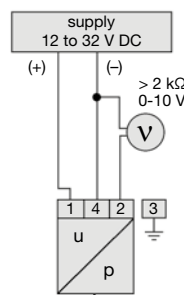
D9



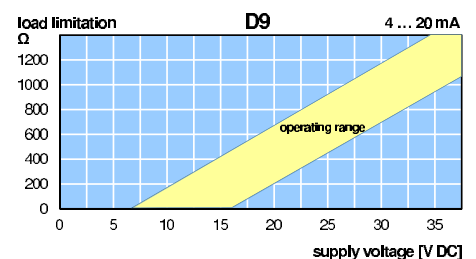
KM12-C4-0



D9A



D9V



Test chart: see chapter "Technical information"

PDF CAD
www.aircom.net



Order example:
D9A-C3