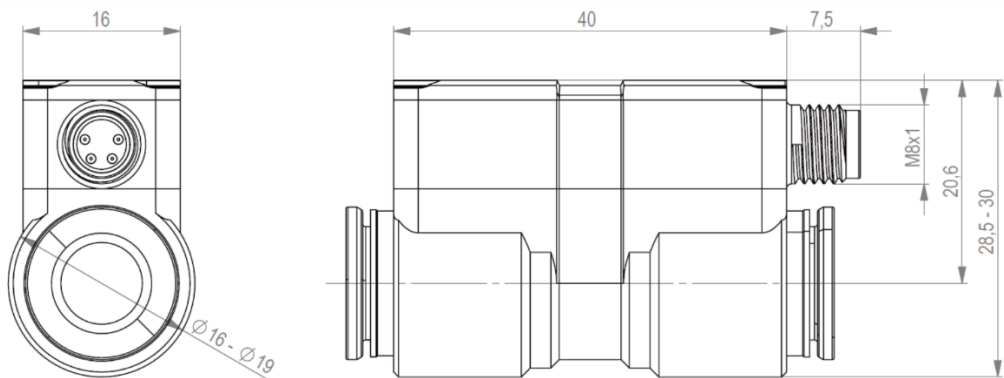


DATA SHEET | ENGLISH

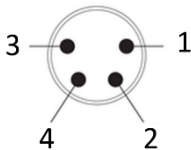


DIMENSION DRAWING



ELECTRICAL CONNECTION

Pin	Assignment
1	Ub+
3	0 V
4	OUT 1
2	NC



General data

Operating medium	Filtered, dry or oiled air and non-corrosive gases
Protection class	IP40/IP68
MTTF (40°C)	2,176 years (4-20mA) 2,528 years (0-10V / 1-10V/1-5V)

Ordering information

1 - 08 - <u>XX</u> <u>X1</u> - <u>XX</u> 0 X 00			
<u>Process connection</u>		<u>Pressure range</u>	
hose connection Ø4mm	14	bar	psi
hose connection Ø6mm	07	-1...0	-14.5...0 1
hose connection Ø8mm	15	-1...1	-14.5...14.5 2
hose connection Ø10mm	16	-1...10	-14.5...145 3
<u>Protection class</u>		0...10	0...145 4
IP40	5	0...12	0...174 5
IP68	8	-1...3	-14.5...43.5 6
<u>Output signal</u>		0...0.25	0...3.625 8
4...20 mA	07		
0...10 V	09		
1...10 V	10		
1...5 V	11		

Mechanical data

Material housing	Plastic PBT/PC
Process connection	Push-in 4/6/8/10 mm
Mounting position	Any
Weight	approx. 20 g (4/6mm) approx. 30 g (8/10mm)

Electrical data

Electrical connection	M8x1, 4-pole
Operating voltage	9...30 VDC (4...20 mA); 14...30 VDC (1...10 V; 0...10 V; 1...5V)
Short-circuit / reverse polarity protection	yes / yes
Output signal	4...20 mA; 1...10 V; 0...10 V; 1...5 V
Accuracy (23°C)	± 0.5% BTLS
max. temperature error	± 1.5% FS (-10°C...70°C)
Repeatability	± 0.2% FS
Long term drift	≤ 0.1% / a

Pressure range

Measuring range (bar)	0...0.25	-1...0	-1...1	-1...3	-1...10	0...10	0...12
(psi)	0...3.26	-14.5...0	-14.5...14.5	-14.5...43.5	-14.5...145	0...145	0...174
max. overpressure* (bar)	0.5	2	6	15			
(psi)	7.25	29	87	217.6			

Operating conditions

Operating temperature	Operation: -10°...+60°C Storage: -20°...+85°C
EMC / interference immunity	EN61000-6-2
EMC / interference emission	EN61000-6-4

*overpressure not continuously allowed