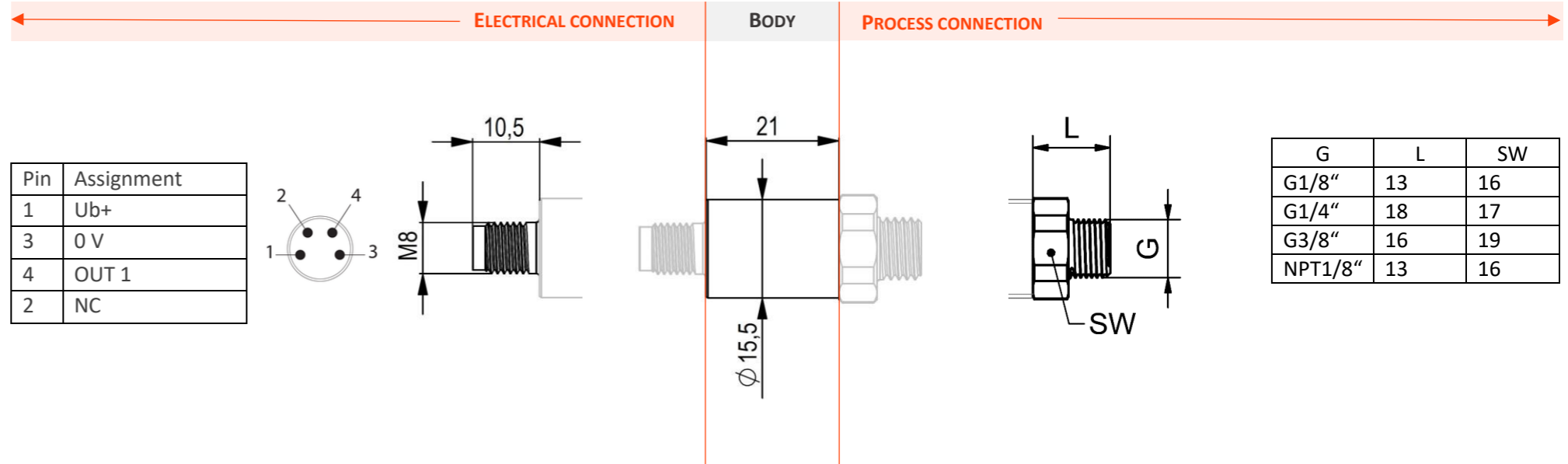


DATA SHEET | ENGLISH



General data	
Operating medium	Filtered, dry or oiled air and non-corrosive gases
Protection class	IP67
MTTF (40°C)	2.176 years (4-20mA) 2.528 years (0-10V / 1-10V)
Ordering information	
2 - 02 - <u>XX</u> X1 - <u>XX</u> 0 X <u>00</u>	
<i>Process connection</i>	<i>Version</i>
G1/8" a 01	Standard 00
NPT1/8" a 02	Customer specific >00
G1/4" a 04	
G3/8" a 05	
<i>Protection class</i>	<i>Pressure range (bar)</i>
IP54 4	-1...0 1
IP67 7	-1...1 2
	-1...10 3
<i>Output signal</i>	0...10 4
4...20 mA 01	0...12 5
1...10 V ** 02	-1...3 6
0...10 V 03	0...6 7
1...5V 04	0...0.25 8

Mechanical data	
Material housing	Stainless steel
Process connection	G1/8"; G1/4"; G3/8"; NPT1/8"
Material process connection	Brass nickel-plated
Mounting position	Any (port downwards when using oiled air)
Weight	25 g
Electrical data	
Electrical connection	Connector M8, 4-pole After mounting, rotatable by 360°
Operating voltage	9...30 VDC (4...20 mA); 14...30 VDC (1...10 V; 0...10 V; 1...5 V) (UL: class 2 source only)
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% FS
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 0...6 -1...10 0...10 0...12 (psi) 0...3,26 -14,5...0 -14,5...14,5 -14,5...43,5 0...87 -14,5...145 0...145 0...174
max. overpressure*	(bar) 0,5 2 6 10 15 (psi) 7,25 29 87 145 217
Operating conditions	
Operating temperature	Operation: -10°...70°C (UL: 0°...60°C) Fluid: 0°...+80°C (UL: 0°...60°C) Storage: -20°...+85°C
EMC / interference immunity	EN61000-6-2 DIN EN 50121-3-2:2017-11
EMC / interference emission	EN61000-6-4
Vibration resistance	DIN EN 60068-2-6: 20G, 10-2000 Hz, XYZ
Shock resistance	DIN EN 60068-2-27: 50G, 11ms, XYZ
UL approval	E511277
LABS conformity	VDMA 24364-B1/B2/C1-L/W

* overpressure not continuously allowed

** may not be available for every pressure range