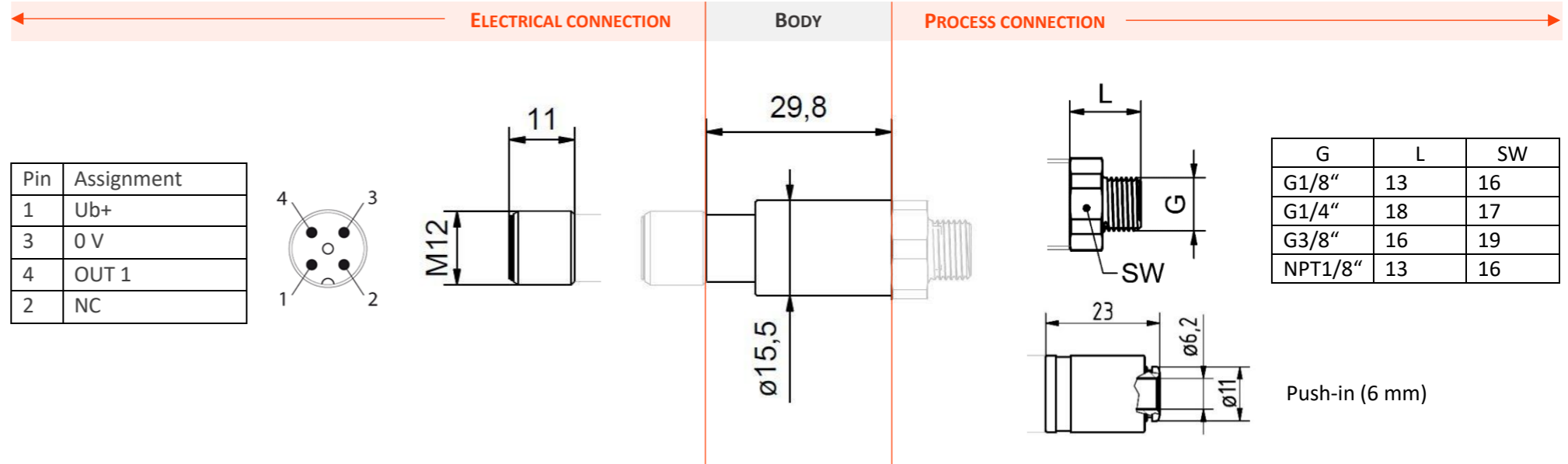
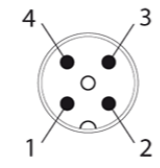


DATA SHEET | ENGLISH



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



G	L	SW
G1/8"	13	16
G1/4"	18	17
G3/8"	16	19
NPT1/8"	13	16

Push-in (6 mm)

General data	
Operating medium	Filtered, dry or oiled air and non-corrosive gases
Protection class	IP65
MTTF (40°C)	2.176 years (4-20mA) 2.528 years (0-10V / 1-10V)
Ordering information	
2 - 02 - XX 02 - XX 0 X 00	
<i>Process connection</i>	<i>Pressure range</i>
G1/8" 01	bar psi
NPT1/8" 02	-1...0 -14.5...0 1
G1/4" 04	-1...1 -14.5...14.5 2
G3/8" 05	-1...10 -14.5...145 3
Push-in 6 mm 06	0...10 0...145 4
	0...12 0...174 5
	-1...3 -14.5...43,5 6
	0...0,25 14.5...3,62 7
Output signal	
4...20 mA 01	
1...10 V ** 02	
0...10 V 03	
1...5V 04	

Mechanical data	
Material housing	Stainless steel
Process connection	G1/8"; G1/4"; G3/8"; NPT1/8"; Push-in 6 mm
Material process connection	Brass nickel-plated
Mounting position	Any (port downwards when using oiled air)
Weight	28 g
Electrical data	
Electrical connection	M12x1, 4-pole
Operating voltage	9...30 VDC (4...20 mA); 14...30 VDC (1...10 V and 0...10 V) (UL: class 2 source only)
Short-circuit / reverse polarity protection	yes / yes
Output signal	4...20 mA; 1...10 V; 0...10 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)	-1...0	-1...1	-1...10	0...10	0...12
	(psi)	-14.5...0	-14.5...14.5	-14.5...145	0...145	0...174
max. overpressure*	(bar)	2		15		
	(psi)	29		217,6		
Operating conditions						
Operating temperature	Operation: -10°...+70°C (UL: 0°...+60°C)					
	Storage: -40°...+85°C					
UL approval	E511277					
LABS conformity	VDMA 24364-B1/B2/C1-L/W					

* overpressure not continuously allowed

** may not be available for every pressure range