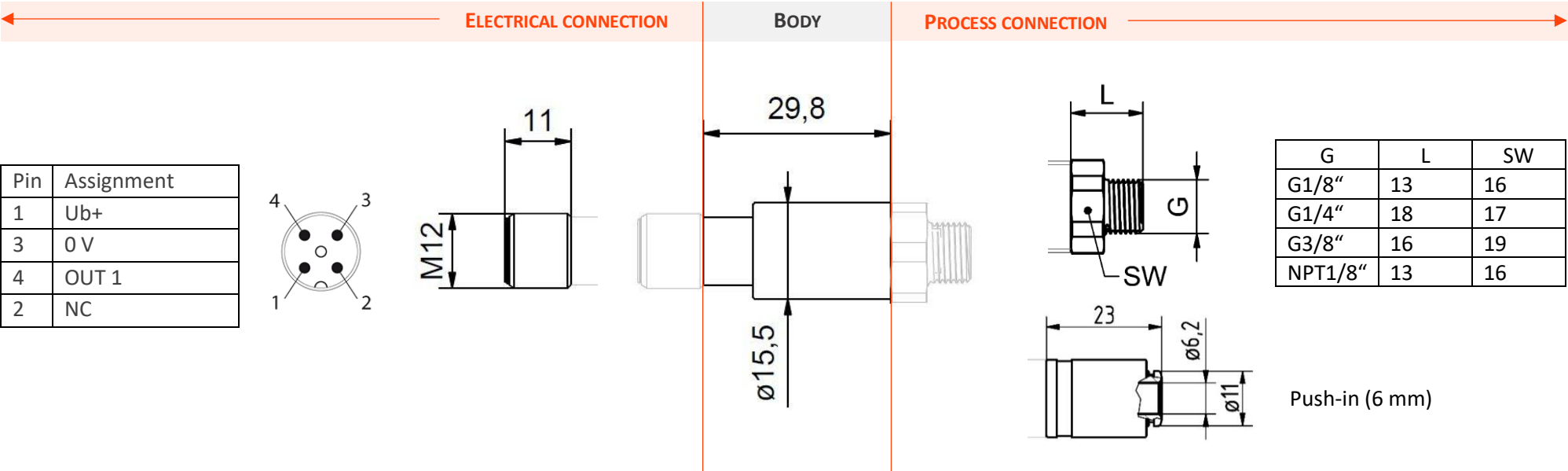


DATA SHEET | ENGLISH



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/1-5V)

Ordering information

Process connection		Pressure range		
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	8

2 - 02 - XX 02 - XX 0 X 00

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; 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% 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°...+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