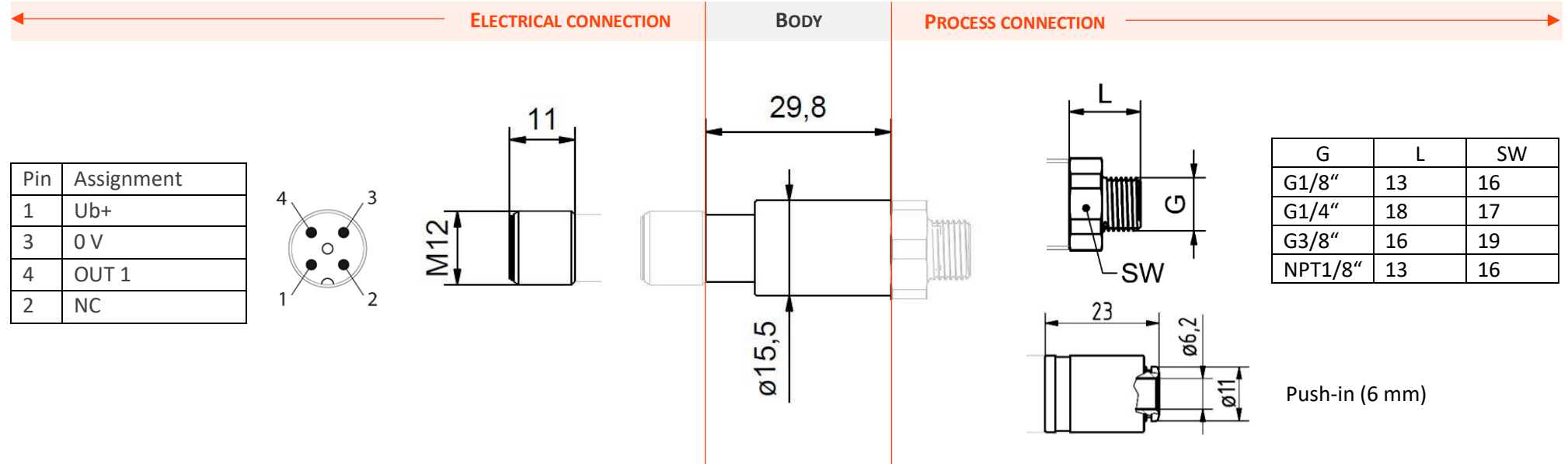


DATA SHEET | ENGLISH



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)

Ordering information

2 - 02 - XX 02 - XX 0 X 00

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 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; 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...10	0...10	0...12
(psi)	0...3,26	-14.5...0	-14.5...14.5	-14.5...145	0...145	0...174
max. overpressure* (bar)	0,5	2	15			
(psi)	7,25	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