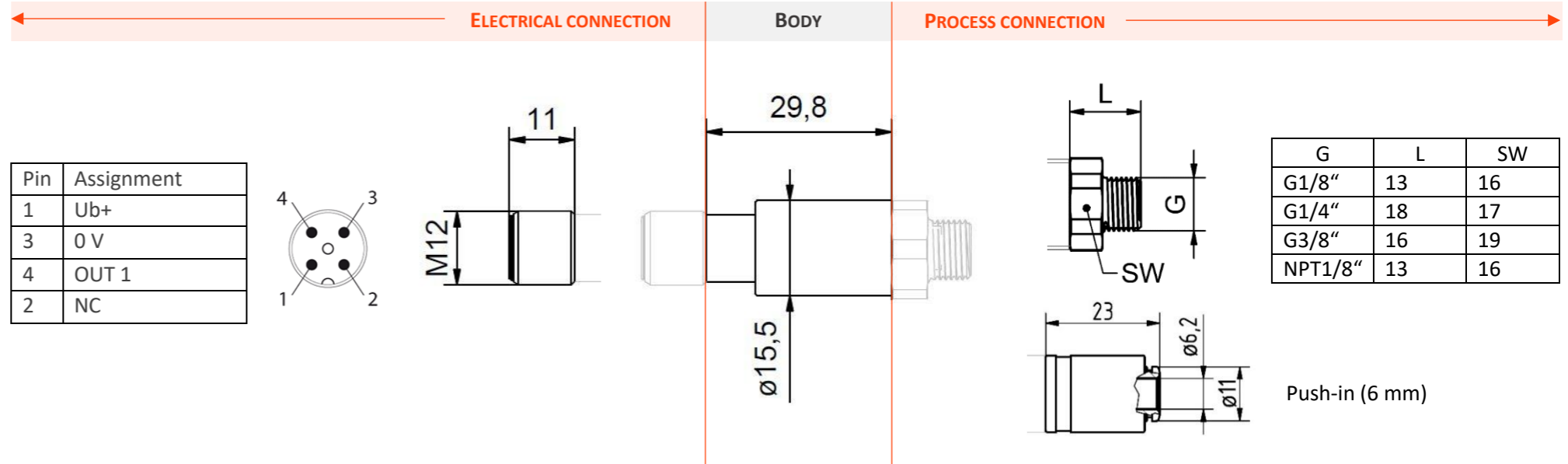


DATA SHEET | ENGLISH



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	Ordering code
G1/8"	01 bar / 01 psi	01
NPT1/8"	02 -1...0 / -14.5...0	02
G1/4"	04 -1...1 / -14.5...14.5	04
G3/8"	05 -1...10 / -14.5...145	05
Push-in 6 mm	06 0...10 / 0...145	06

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";
 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% 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	0...0,25 (bar)	-1...0 (-14.5...0 (psi))	-1...1 (-14.5...14.5 (psi))	-1...10 (-14.5...145 (psi))	0...10 (0...145 (psi))	0...12 (0...174 (psi))
max. overpressure*	0,5 (bar) / 7,25 (psi)	2 (bar) / 29 (psi)	15 (bar) / 217,6 (psi)			

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