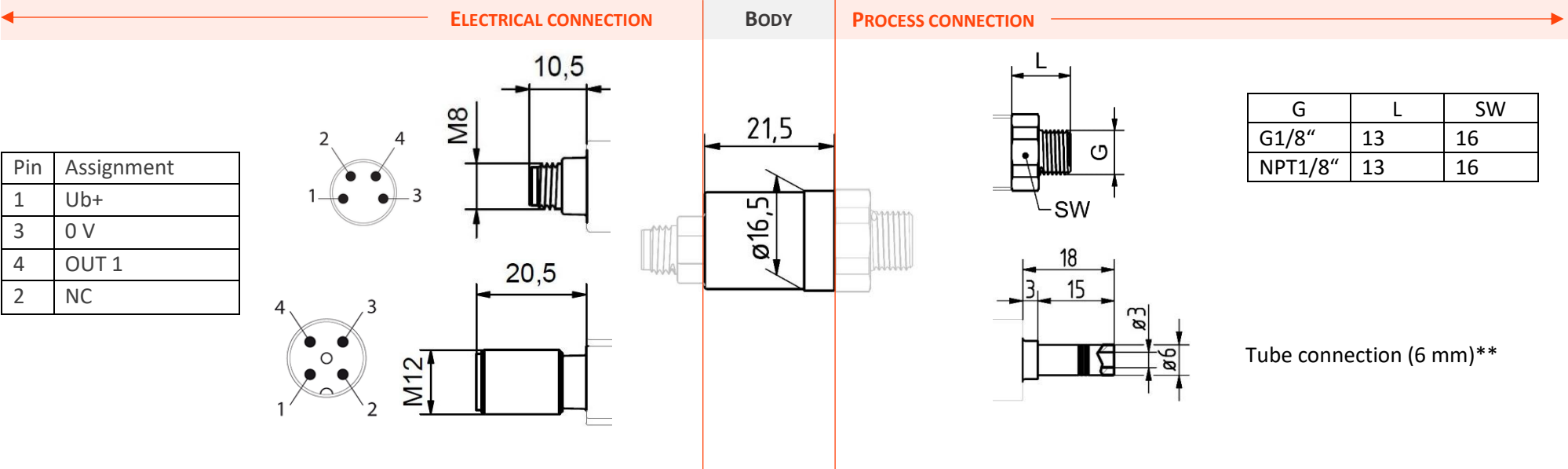


DATA SHEET | ENGLISH



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

2 - 01 - XX XX - XX 0 X 00	
Process connection	Pressure range
G1/8" a	01 bar psi
NPT1/8" a	02 -1...0 -14.5...0 1
Tube connection 6 mm**	03 -1...1 -14.5...14.5 2
	-1...10 -14.5...145 3
Electrical connection	0...10 0...145 4
M8 4-pole	01 0...12 0...174 5
M12 4-pole	02 -1...3 -14.5...43.5 6
	0...0.25 0...3.62 8
Output signal	
4...20 mA	01
1...10 V	02
0...10 V	03
1...5V	04

Mechanical data	
Material housing	Plastic PC
Process connection	G1/8"; NPT1/8"; Tube connection 6 mm**
Material process connection	Brass nickel-plated
Mounting position	Any (port downwards when using oiled air)
Weight	18 g
Electrical data	
Electrical connection	M8x1, 4-pole; 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 (-25°C...85°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: -25°...+85°C (UL: 0°...+60°C)						
UL approval	E511277						

*overpressure not continuously allowed | **only for pressure ranges -1...0 and -1...1 bar (-14.5...0 and -14.5...14.5 psi)