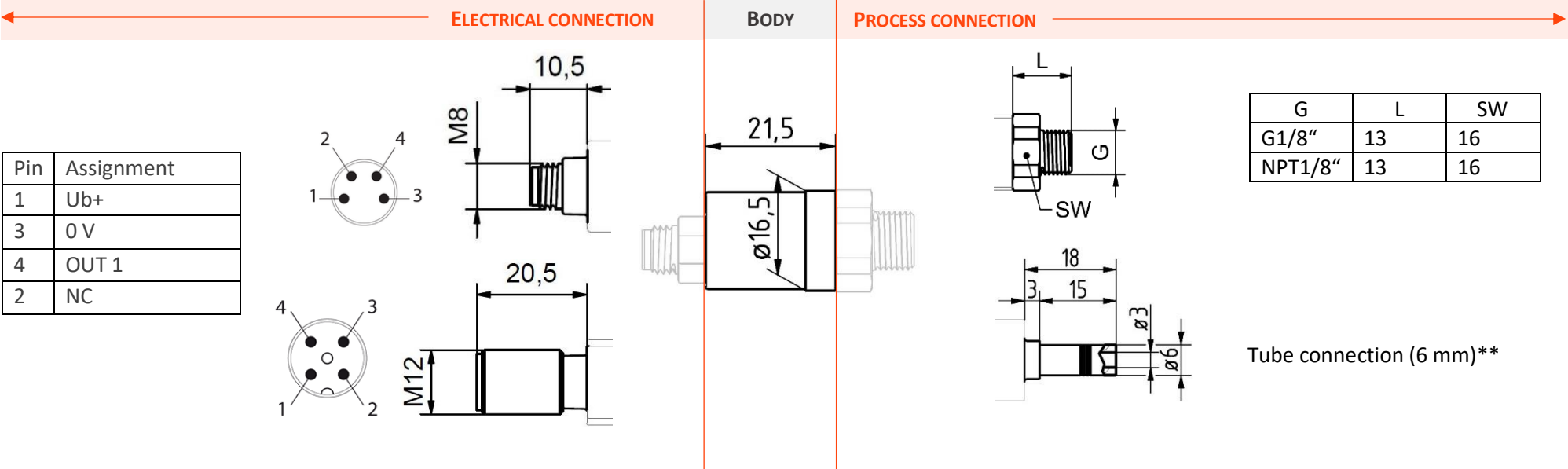


DATA SHEET | ENGLISH



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 - <u>XX</u> <u>XX</u> - <u>XX</u> 0 <u>X</u> 00			
<u>Process connection</u>		<u>Pressure range</u>	
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
<u>Electrical connection</u>		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
<u>Output signal</u>			
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 (-10°C...70°C)
Repeatability	± 0.2% FS
Long term drift	≤ 0.1% / a

Pressure range	
Measuring range (bar)	0...0.25
(psi)	0...3.26
max. overpressure* (bar)	0.5
(psi)	7.25
Operating conditions	
Operating temperature	Operation: -10°...+70°C (UL: 0°...+60°C) Storage: -40°...+85°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)