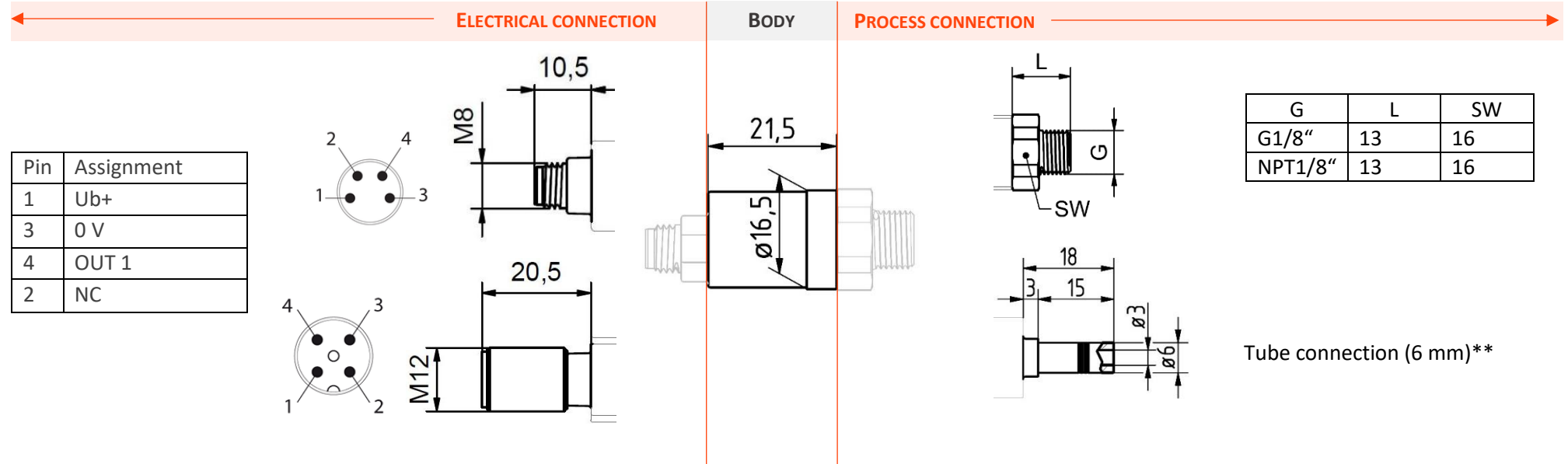


DATA SHEET | ENGLISH



Tube connection (6 mm)\*\*

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 - 01 - XX XX - XX 0 X 00	
<u>Process connection</u>	<u>Pressure range</u>
G1/8" a	01
NPT1/8" a	02
Tube connection 6 mm**	03
<u>Electrical connection</u>	
M8 4-pole	01
M12 4-pole	02
<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% 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	(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			

\*overpressure not continuously allowed | \*\*only for pressure ranges -1...0 and -1...1 bar (-14.5...0 and -14.5...14.5 psi) | \*\*\* may not be available for every pressure range