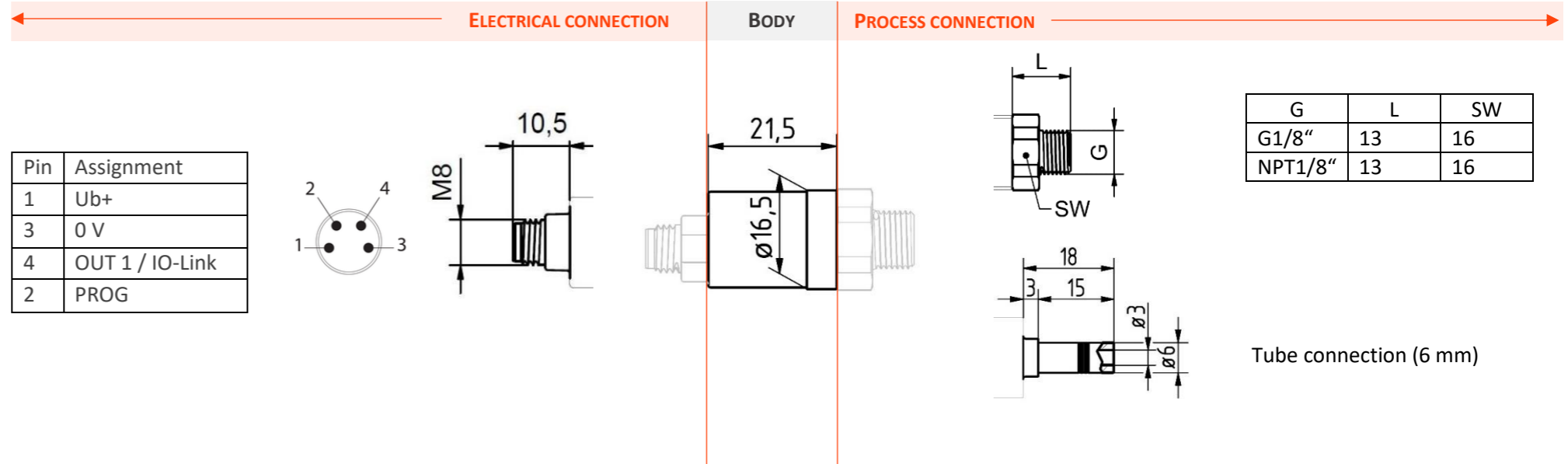


DATA SHEET | ENGLISH



General data			
Display	Green LED: Operation display		
Setting options	Switch points; NO/NC; Hysteresis / window mode; Programming lock ex works		
Operating medium	Filtered, dry or oiled air and non-corrosive gases		
Protection class	IP65		
MTTF (40°C)	820 years		
Ordering information			
1 - 02 - XX 01 - XX 3 X XX			
<u>Process connection</u>		<u>Firmware</u>	
G1/8"	02	Standard	00
NPT1/8"	04	Customized	>00
Tube connection 6 mm	05		
<u>Output signal</u>		<u>Pressure range</u>	
1x PNP	01	-1...0	1
1x NPN	02	-1...1	2
		-1...10	3
		0...10	4
		0...12	5

Electrical data	
Electrical connection	M8x1, 4-pole
Operating voltage	9...30 VDC
Current consumption	< 20 mA
Short-circuit / reverse polarity protection	yes / yes
Output	
Output signal	1x PNP; 1x NPN (IO-Link is optionally available)
Output voltage	approx. Ub -1,5 V
Max. output current	max. 250 mA each output
Output function	NO / NC (programmable)
Operating frequency	200 Hz
Response time	< 2,5 ms
Accuracy	± 2% FS
Repeatability	± 0,2% FS
IO-Link	
IO-Link specification	Version 1.1
Frame type	2.2
Transmission physics	3-conductor physics (PHY2)
Transmission rate	COM 2 / 38,4 Kbit/s
Process data width	24 bit
Measurement information	16 bit
Switch point information	1 bit
Max. cycle time	5 msec

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
Pressure range	
Measuring range (bar)	-1...0 -1...1 -1...10 0...10 0...12
max. overpressure (bar)*	2 15
Operating conditions	
Operating temperature	Operation: -10°...+60°C Storage: -20°...+85°C
EMC / interference immunity	EN61000-6-2
EMC / interference emission	EN61000-6-4

*overpressure not continuously allowed | **just for the models -1...0 and -1...1 bar