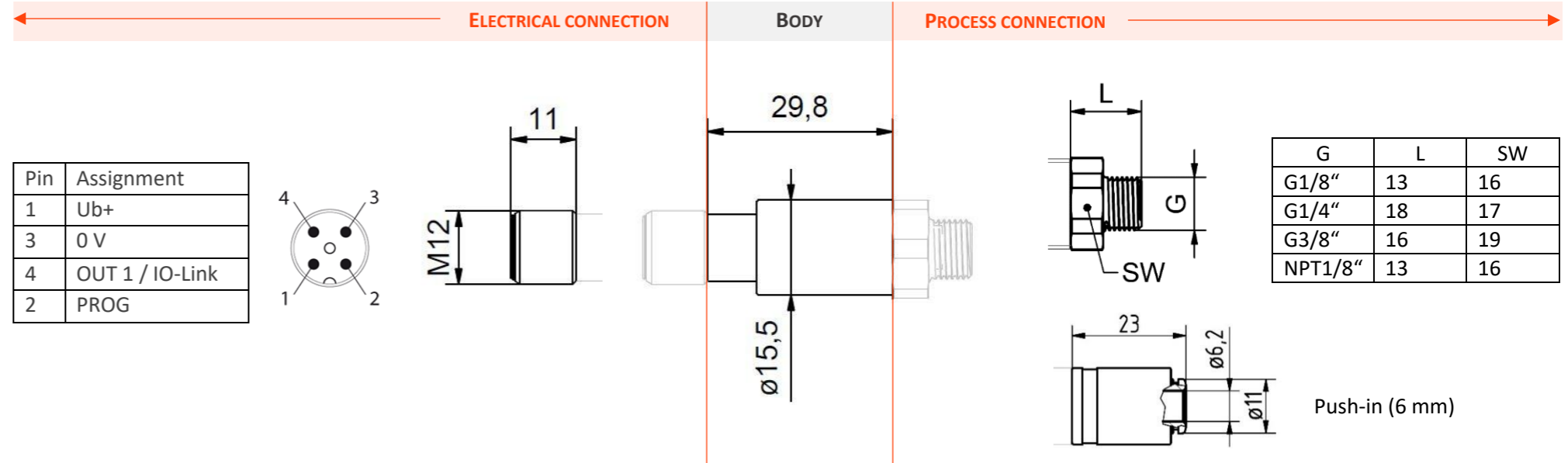


DATA SHEET | ENGLISH



**General data**

Setting options	Switch points; NO/NC; Hysteresis / window mode; On/Off Delay; 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 - 03 - XX 02 - XX 3 X XX

Process connection	Firmware	Pressure range	Output signal
G1/8"	Standard	-1...0	1x PNP
G1/4"	Customized	-1...1	1x NPN
NPT1/8"		-1...10	
Push-in 6 mm		0...10	
G3/8"		0...12	

**Electrical data**

Electrical connection	M12x1, 4-pole
Operating voltage	9...30 VDC
Current consumption	< 20 mA
Short-circuit / reverse polarity protection	yes / yes

**Output**

Output signal	1x PNP (IO-Link is optionally available); 1x NPN (only without IO-Link)
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	Stainless steel
Process connection	G1/8"; G1/4"; G3/8"; NPT1/8"; Push-in 6 mm
Material process connection	Brass nickel-plated
Mounting position	Any (port downwards when using oiled air)
Weight	28 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
LABS conformity	VDMA 24364-B1/B2/C1-L/W

\* overpressure not continuously allowed