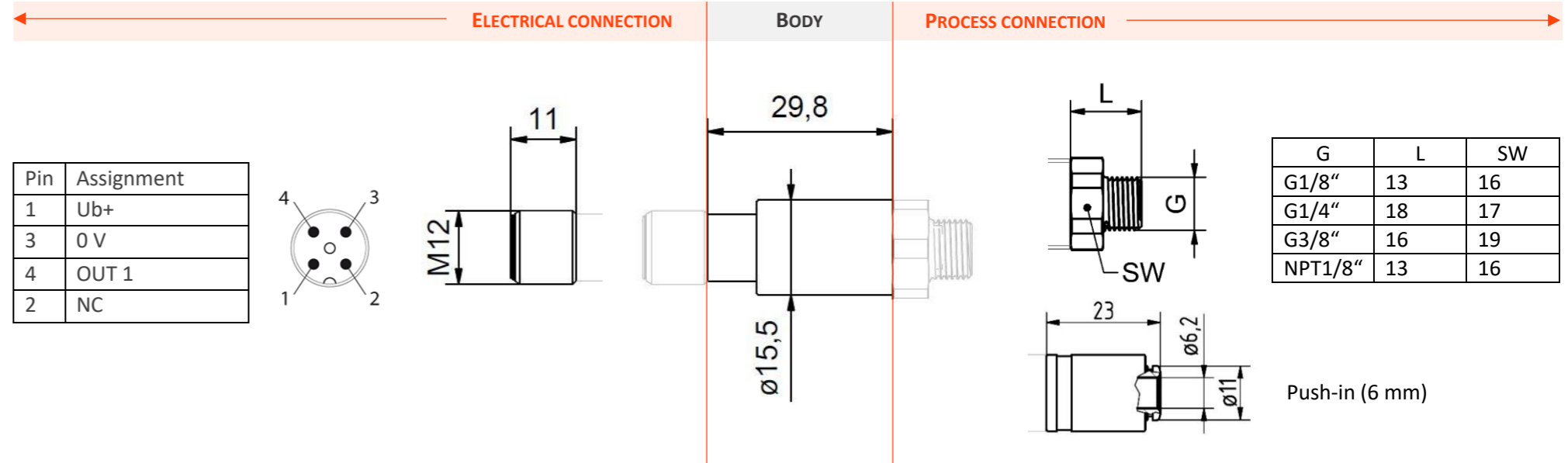


DATA SHEET | ENGLISH



LABS<sub>free</sub> CE



**General data**

Operating medium: Filtered, dry or oiled air and non-corrosive gases  
Protection class: IP65

**Ordering information**

2 - 02 - XX 02 - XX 0 X 00

Process connection	Code	Pressure range	Code
G1/8"	01	-1...0	1
NPT1/8"	02	-1...1	2
G1/4"	04	-1...10	3
G3/8"	05	0...10	4
Push-in 6 mm	06	0...12	5

Output signal	Code
4...20 mA	01
1...10 V **	02
0...10 V	03

**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

**Electrical data**

Electrical connection: M12x1, 4-pole  
Operating voltage: 9...30 VDC (4...20 mA);  
14...30 VDC (1...10 V and 0...10 V)  
Short-circuit / reverse polarity protection: yes / yes  
Output signal: 4...20 mA; 1...10 V; 0...10 V  
Linearity, Hysteresis and Repeatability: <math>\leq \pm 0,5\% \text{ FS}</math>  
Accuracy: <math>\leq 2,0\% \text{ FS}</math>  
Long-term stability: <math>< 0,2\% \text{ FS p.a.}</math>

**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

LABS conformity: VDMA 24364-B1/B2/C1-L/W

\* overpressure not continuously allowed

\*\* may not be available for every pressure range