

DATA SHEET | ENGLISH



**General data**

Display	Green LED: Operation display Red LED: Switching display
Setting options	Switch point via potentiometer
Operating medium	Filtered, dry or oiled air and non-corrosive gases
Protection class	IP40

**Ordering information**

1 - 01 - <u>XX XX</u> - 01 <u>X X</u> 00	
<i>Process connection</i>	<i>Pressure range</i>
M5 thread 01	bar psi
Tube connection 4 mm 06	-1...0 -14.5...0 1
	-1...1 -14.5...14.5 2
	0...0,25 0...3,62 3
<i>Electrical connection</i>	<i>Output signal</i>
3 m cable 04	NO 1
M8 3-pole 05	NC 2

**Mechanical data**

Material housing	Plastic PC
Process connection	M5 thread; Tube connection 4 mm
Material process connection	Brass nickel-plated
Mounting position	Any (port downwards when using oiled air)
Weight	8 g

**Electrical data**

Electrical connection	3 m cable with open ended wires; 10 cm cable with M8 3-pole
Operating voltage	9...30 VDC
Current consumption	< 20 mA
Short-circuit / reverse polarity protection	yes / yes

**Output**

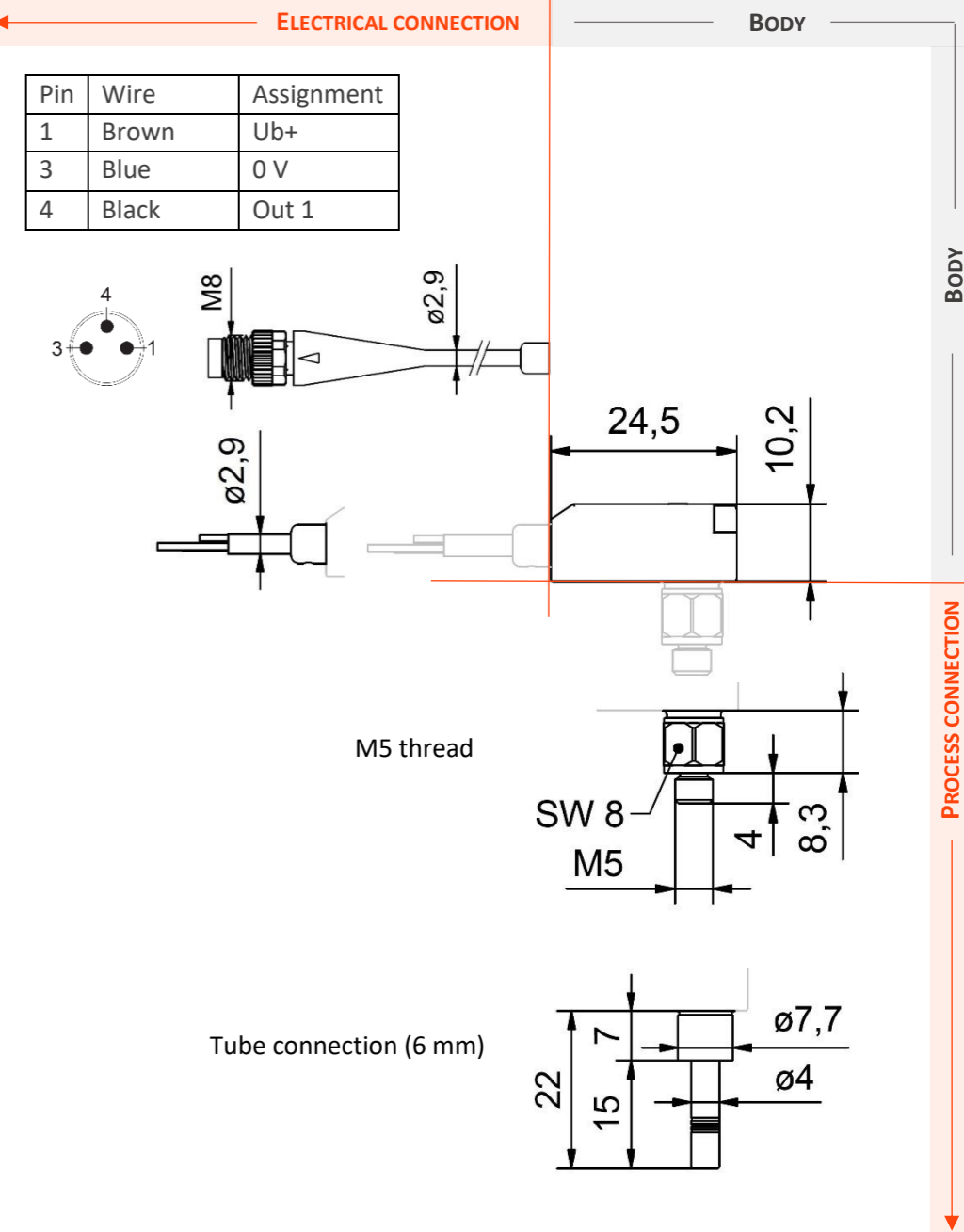
Output signal	1x PNP (NPN on request)
Max. output current	max. 100 mA
Output voltage	approx. Ub -1.5 V
Output function	NO; NC
Switch point	Adjustment potentiometer 100%
Switching hysteresis	approx. 5% FS
Repeatability	± 3% FS

**Pressure range**

Measuring range	(bar)	0...0,25	-1...0	-1...1
	(psi)	0...3,26	-14.5...0	-14.5...14.5
max. overpressure*	(bar)	0,5	2	
	(psi)	7,25	29	

**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