

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 - XX XX - 01 X X 00

<i>Process connection</i>		<i>Pressure range</i>	
M5 thread	01	-1...0	1
Tube connection 4 mm	06	-1...+1	2
<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

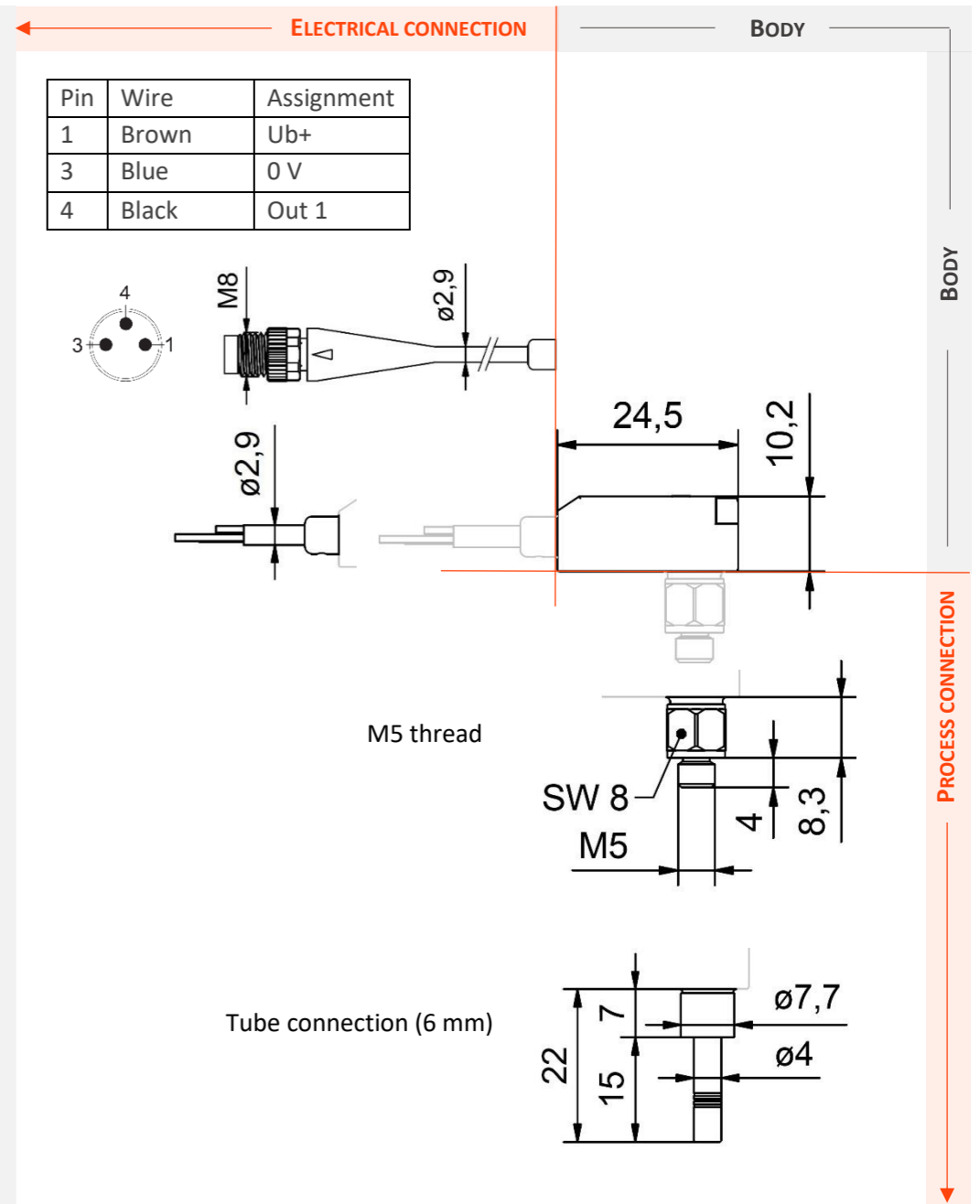
Output signal	1x PNP (NPN on request)
Max. output current	max. 100 mA
Output voltage	approx. $U_b - 1,5 V$
Output function	NO; NC
Switch point	Adjustment potentiometer 100%
Switching hysteresis	approx. 5% FS
Repeatability	± 3% FS

Pressure range

Measuring range (bar)	-1...0	-1...1
max. overpressure (bar)*	2	

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