

# pressure transmitter

## SPTW-B2R-G14-VD-M12

Part number: 8000109

FESTO



## Data sheet

Feature	Value
Authorisation	RCM Mark c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Contains PWIS substances Conforms to RoHS
Measured variable	Relative pressure
Measurement method	Piezoresistive pressure sensor
Pressure measuring range, initial value	-1 bar
Pressure measuring range, final value	1 bar
Overload range	2 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [-:~:] Fluid media Gaseous media
Medium temperature	0 ... 80 °C
Ambient temperature	0 ... 80 °C
Accuracy, FS	1 %FS
Repetition accuracy in ± %FS	0.1 %FS
Analogue output	0,1 - 10 V
Linearity error in ± %FS	0.5 %FS
Short circuit strength	Yes
Operating voltage range DC	14 ... 30 V
Polarity protected	for operating voltage
Electrical connection	4-pin M12x1 Plug to EN 60947-5-2 Round design
Material connector housing	PA
Mounting type	with internal (female) thread with accessories Optional
Assembly position	Any
Pneumatic connection	G1/4
Product weight	80 g
Material housing	PA VMQ (silicon) High alloy steel, non-corrosive
Materials in contact with media	High alloy steel, non-corrosive
Protection class	IP67
Corrosion resistance classification CRC	4 - Very high corrosion stress