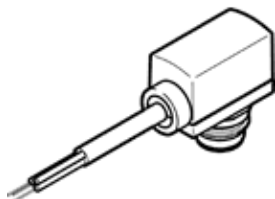


# pressure transmitter SPTE-B2R-PC10-B-2.5K

Part number: 8025977

FESTO



## Data sheet

Feature	Value
Authorisation	RCM Mark c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
KC mark	KC-EMV
Materials note	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	5 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible
Medium temperature	0 ... 50 °C
Ambient temperature	0 ... 50 °C
Accuracy, FS	3 %FS
Repetition accuracy in ± %FS	0.3 %FS
Temperature co-efficient in ± %FS/K	0.05 %FS/K
Analogue output	1 - 5 V
Rise time	1 ms
Min. load resistance, voltage output	15 kOhm
Short circuit strength	for all electrical connections
Operating voltage range DC	10 ... 30 V
Polarity protected	for all electrical connections
Electrical connection	3-core Cable Open end
Cable length	2.5 m
Mounting type	Pin-type connection
Assembly position	Any
Pneumatic connection	Cartridge 10 mm
Product weight	35 g
Material housing	PA-reinforced
Material sealing ring	NBR
Protection class	IP40
Corrosion resistance classification CRC	2 - Moderate corrosion stress