

pressure transmitter SPTE-P10R-S6-B-2.5K

Part number: 571480

FESTO



Data sheet

Feature	Value
Authorisation	RCM Mark c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Conforms to RoHS
Measured variable	Relative pressure
Measurement method	Piezoresistive pressure sensor
Pressure measuring range, initial value	0 bar
Pressure measuring range, final value	10 bar
Overload range	15 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	Cable Open end 3-core
Cable length	2.5 m
Mounting type	Plug-in
Assembly position	Any
Pneumatic connection	Push-in sleeve QS-6
Product weight	35 g
Material housing	PA-reinforced
Protection class	IP40
Corrosion resistance classification CRC	2 - Moderate corrosion stress