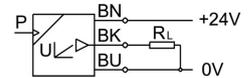


Pressure transmitter SPTE-B2R-PC10-B-2.5K

Part number: 8025977

FESTO



Data sheet

Feature	Value
Type code	SPTE
Symbol	00992257
Certification	RCM compliance mark c UL us - Recognized (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
KC characters	KC EMC
Certificate issuing authority	UL E322346
Note on materials	RoHS-compliant
Measured variable	Relative pressure
Method of measurement	Piezoresistive pressure sensor
Pressure measuring range initial value	-1 bar
Pressure measuring range end value	1 bar
Max. overload pressure	5 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible
Temperature of medium	0 °C ... 50 °C
Ambient temperature	0 °C ... 50 °C
Accuracy in ± % FS	3 %FS
Repetition accuracy in ± %FS	0.3 %FS
Temperature co-efficient in ± %FS/K	0.05 %FS/K
Analog output	1 - 5 V
Rise time	1 ms
Min. load resistance of voltage output	15 kOhm
Short-circuit protection	For all electrical connections
DC operating voltage range	10 V ... 30 V
Reverse polarity protection	for all electrical connections
Electrical connection	3-wire Cable Open end
Cable length	2.5 m
Type of mounting	Pin-type connecton
Mounting position	Any
Pneumatic connection	Cartridge 10 mm
Product weight	35 g
Housing material	PA-reinforced
Sealing ring material	NBR

Feature	Value
Degree of protection	IP40
Corrosion resistance class (CRC)	2 - Moderate corrosion stress