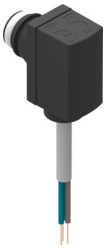
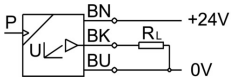
Pressure transmitter
SPTE-B2R-PC10-V-2.5K

Part number: 8025976





Data sheet

Feature	Value
Type code	SPTE
KC characters	KC EMC
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
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	0 - 10 V
Rise time	1 ms
Min. load resistance of voltage output	15 kOhm
Short-circuit protection	For all electrical connections
DC operating voltage range	18 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 conneciton
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