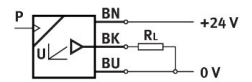


Pressure sensor

SDE5-D10-NF-Q6E-V-K

Part number: 567471

FESTO



Data sheet

Feature	Value
Approval	RCM trademark c UL us - Recognized (OL)
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Note on materials	RoHS-compliant
Measured variable	Relative pressure
Measurement method	Piezoresistive pressure sensor
Start value for pressure measuring range	0 bar
End value for pressure measuring range	10 bar
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible
Media temperature	0 °C...50 °C
Ambient temperature	0 °C...50 °C
Repetition accuracy in ± %FS	0.3 %FS
Temperature coefficient in ± %FS/K	0.05 %FS/K
Analogue output	0 - 10 V
Output characteristic curve start value	0 V
Output characteristic curve end value	10 V
Accuracy analogue output in ± %FS	3 %FS
Linearity error in ± %FS	0.3 %FS
Short circuit current rating	yes
Operational voltage range DC	15 V...30 V
Reverse polarity protection	For all electrical connections
Electrical connection	3-wire Cable To EN 60947-5-2
Cable length	2.5 m
Type of mounting	With accessories
Mounting position	optional
Pneumatic connection	QS-6
Product weight	47 g

Feature	Value
Material housing	PA POM
Ready status indication	Green LED
Degree of protection	IP40
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	Class 4 according to ISO 14644-1