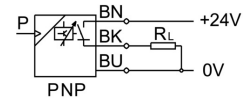
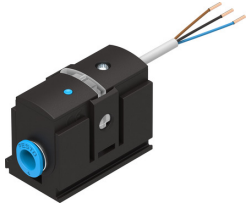


# Pressure sensor SDE5-D10-FP-Q6-P-K

Part number: 542899

FESTO



## Data sheet

Feature	Value
Type code	SDE5
KC characters	KC EMC
Symbol	00991887
Certification	c UL us - Recognized (OL) RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
Note on materials	RoHS-compliant
Measured variable	Relative pressure
Method of measurement	Piezoresistive pressure sensor
Pressure measuring range initial value	0 bar
Pressure measuring range end value	10 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
Repetition accuracy in $\pm$ %FS	0.3 %FS
Temperature co-efficient in $\pm$ %FS/K	0.05 %FS/K
Switching output	PNP
Switching function	Freely programmable
Switching element function	Switchable
Max. output current	100 mA
Short-circuit protection	yes
DC operating voltage range	15 V ... 30 V
Reverse polarity protection	for all electrical connections
Electrical connection	3-wire Cable as per EN 60947-5-2
Cable length	2.5 m
Type of mounting	With accessories
Mounting position	Any
Pneumatic connection	QS-6
Product weight	47 g
Housing material	PA POM
Switching status indication	LED yellow
Threshold value setting range	0 % ... 100 %

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