

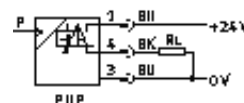
Pressure switch

SDE5-V1-O-Q3-P-M8

Part number: 527456

FESTO

For vacuum with M8 plug version.



Data sheet

Feature	Value
Switch output	PNP
Switching element function	Normally open contact
Switching function	Threshold value with fixed hysteresis
Electrical connection	Plug M8x1 3-pin to EN 60947-5-2 Round design
Protection class	IP40
Pneumatic connection	QS-3
Assembly position	Any
Short circuit strength	Pulsing
Measured variable	Relative pressure
Measurement method	Piezoresistive pressure sensor
Polarity protected	for all electrical connections
Threshold value setting range	0 ... 100 %
Operating status display	Yellow LED
Operating voltage range DC	15 ... 30 V
Max. output current	100 mA
Operating medium	Filtered, unlubricated compressed air, 40 µm filtration Filtered, lubricated compressed air, 40 µm filtration
CE mark (see declaration of conformity)	to EU directive for EMC
Corrosion resistance classification CRC	2
Medium temperature	0 ... 50 °C
Ambient temperature	0 ... 50 °C
Authorisation	c UL us - Recognized (OL) C-Tick
Product weight	19 g
Pressure measuring range, initial value	0 bar
Pressure measuring range, final value	-1 bar
Hysteresis FS	2 %
Switching point reproducibility	0.3 %
Mounting type	with accessories
Materials note	Contains PWIS substances
Materials information, housing	PA POM PPS-reinforced