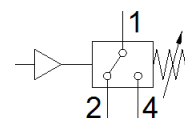
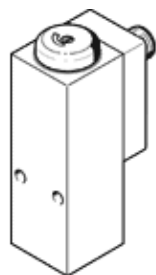


Vacuum switch VPEV-1/8-M12

Part number: 192489

FESTO



Data sheet

Feature	Value
Conforms to standard	EN 60947-5-1
Authorization	CCC c UL us - Recognized (OL)
CE symbol (see declaration of conformity)	according to EU low voltage guideline
UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment
Materials note	Conforms to RoHS
Measured variable	Relative pressure
Measurement method	Pneu./elect. pressure transducer
Pressure measuring range	-1 ... 1.6 bar
Operating pressure MPa	-0.1 ... 0.16 MPa
Working pressure	-1 ... 1.6 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Medium temperature	-20 ... 80 °C
Ambient temperature	-20 ... 80 °C
Switching element function	Changeover switch
Max. switching frequency	3 Hz
Max. switching output voltage AC	48 V
Max. switching output voltage DC	48 V
Max. output current	4,000 mA
Minimum load current	1 mA at 24 V 10 mA at 10 V 100 mA at 5V
Utilization category for inductive load	AC-14 DC-13
Utilization category for ohmic load	AC-12 DC-12
Electrical connection	4-pin M12x1 Plug to EN 60947-5-2 Round design
Mounting type	with through hole
Assembly position	Any
Pneumatic connection	G1/8
Product weight	220 g
Material housing	Wrought Aluminum alloy
Material switch contact	silver
Threshold setting range	-0.95 ... -0.2 bar
Threshold value setting range after conversion	0.16 ... 1.6 bar
Protection class	IP65
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L