

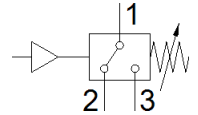
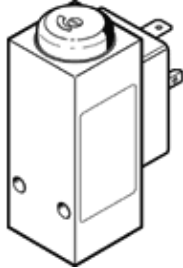
Pressure switch

PEV-1/4-B-OD

Part number: 175250

FESTO

Opens or closes an electrical circuit when a certain pressure value is reached. Adjustable pressure switching point, adjustable switching hysteresis. Without connector socket.



Data sheet

Feature	Value
Conforms to standard	EN 60947-5-1
Authorization	CCC
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
Operating pressure MPa	0.1 ... 1.2 MPa
Working pressure	1 ... 12 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:] Water
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	250 V
Max. switching output voltage DC	125 V
Max. output current	5,000 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	Plug pattern type A to EN 175301-803 Plug to DIN 43650 Cubic design
Mounting type	with through hole
Assembly position	Any
Pneumatic connection	G1/4
Product weight	194 g
Material housing	Aluminum die cast
Material switch contact	silver
Operating status display	Yellow LED
Threshold setting range	1 ... 12 bar
Protection class	IP65
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L