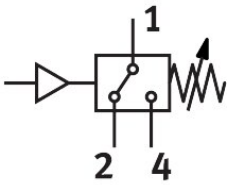
Vacuum switch
VPEV-W-S-LED-GH

Part number: 152617





Data sheet

Feature	Value
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive As per 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
Method of measurement	Pneumatic/electric pressure transducer
Pressure measuring range	-0.8 bar...-0.25 bar
Operating pressure	-1 bar...0 bar
Max. overload pressure	8 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Temperature of medium	0 °C...60 °C
Ambient temperature	0 °C...60 °C
Switching element function	Changeover switch
Hysteresis	0.08 bar...0.25 bar
Max. switching frequency	3 Hz
Max. output current	2500 mA
DC operating voltage range	10 V...30 V
Electrical connection 1, connection type	Plug
Electrical connection 1, connection technology	M8x1 A-coded as per EN 61076-2-104 Diameter 8 mm, A-coded according to EN 61076-2-104
Electrical connection 1, number of pins/wires	4
Electrical connection 1, type of mounting	Snap-locking Screw-type lock not rotatable Compatible with snap-locking Compatible with rotatable screw-type lock
Type of mounting	Alternatively: With through-hole With DIN rail
Mounting position	Any

Feature	Value
Pneumatic connection	M5
Product weight	56 g
Housing material	PA PET POM
Diaphragm material	NBR
Switching status indication	Yellow LED
Setting range threshold value	-0.8 bar...-0.25 bar
Degree of protection	IP65
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III