

Vacuum Switch VPEV-1/8 - Festo 150261

Item no. FES-150261

Manufacturer Festo

EAN 4052568116460

Festo vacuum component for safe gripping, holding and handling in automation.

TECHNICAL DATA

Betriebsdruck max [bar]	1.600000
HS-Code	85365080
Pneumatischer Anschluss	G1/8
Schutzart	IP65
Weight	0.28 kg
Werkstoff	Aluminium



STANDARDS & COMPLIANCE

ISO 8573-1:2010 EN 175301-803 DIN 43650

DESCRIPTION

Festo vacuum component for safe gripping, holding and handling in automation. The key technical data of this genuine Festo article are listed below.

Complies to standard	EN 60947-5-1
Permission	CCC
CE certificate (see declaration of conformity)	to EU low voltage directive
Material information	RoHs compliant
Measured parameter	Relative pressure
Measurement process	Pneumatic electric pressure converter
Betriebsdruck Mpa [MPa]	-0,1 bis 0,16
Operating pressure [bar]	-1 to 1.6
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)

Medium temperature [°C]	-20 to 80
ambient temperature [°C]	-20 to 80
Switching element function	changeover contact
Max. switching frequency [Hz]	3
Max. switch off voltage AC [V]	250
Max. switch off voltage DC [V]	125
Max. output current [mA]	5.000
Minimum load current	1 mA at 24 V 10 mA at 10 V 100 mA at 5V
Use category inductive load	AC-14 DC-13
Use category ohmic load	AC-12 DC-12
Electrical connection	Wiring diagram Form A acc. to EN 175301-803 acc. to DIN 43650 plug Square shape
Fastening type	With throughway bores
installation position	arbitrary
Pneumatic connection	G1/8
Product weight [g]	240
Housing material	Aluminium wrought alloy
Switch contact material	 silver
Settings range threshold value [bar]	-0,95 to -0,2
Protection category	IP65
Corrosion resistant class KBK	2 - moderate corrosion stress
Pressure measurement range [bar]	-1 to 1.6
Switching status indicator	LED yellow
Settings range threshold value after retrofit [bar]	0.16 to 1.6