

Manifold sub-base for vacuum VABX-A-P-VP-BH-VH

Part number: 8227840

FESTO



Data sheet

Feature	Value
Width	12.5 mm 12.55 mm
Length	127.6 mm
Width dimension	12.55 mm
Valve size	10 mm
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Muffler construction type	Open
Actuation type	Electrical
Reverse polarity protection	yes
Sealing principle	Soft
Mounting position	Any
Adjusting element	Slotted screw
Max. no. of valve positions	1
Grade of filtration	40 µm
Integrated function	Electric ejector pulse Ejector pulse valve, electric Flow control On/off valve, electric Filter With electrical manifold module
Type of control	Pilot-controlled
Pilot air supply port	Internal
Valve function	5/3 pressurized 1 to 2, 4 to 5 closed
Max. no. of solenoid coils	2
Compatible with	Valve terminal VTUX-A-P
Display type	LED
Signal status display	Yellow LED, valve control
Operating pressure	0.2 MPa...0.7 MPa 2 bar...7 bar
Nominal operating pressure	0.6 MPa 6 bar 87 psi

Feature	Value
Pilot pressure MPa	0.2 MPa...0.7 MPa
Pilot pressure	2 bar...7 bar
Dimensions W x L x H	12.55 mm x 127.6 mm x 68.8 mm
Inductive protective circuit	Installed
Nominal operating voltage DC load	24 V
Nominal operating voltage DC	24 V
Permissible voltage fluctuations load	± 10%
Permissible voltage fluctuations	+/- 10 %
Certification	RCM compliance mark
KC characters	KC EMC
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
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Ester oil < 0.1mg/m ³ , according to ISO 8573-1:2010 [:-:2] Operation with oil lubrication not possible
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C...70 °C
Relative air humidity	5 - 95 %
Degree of protection	IP65
Note on degree of protection	In mounted state
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:-]
Ambient temperature	-5 °C...50 °C
Nominal altitude of use above sea level	<= 2000 m NHN
Max. installation height	2000 m
Product weight	52.7 g
Electrical actuation	Multi-pin
Type of mounting	Tie rod
Pneumatic connection 2	QS-4 QS-6 QS-8 QS-5/32 QS-1/8 QS-1/4 QS-5/16 for pneumatic tubing outside diameter 4 mm for pneumatic tubing outside diameter 6 mm for pneumatic tubing outside diameter 8 mm for pneumatic tubing outside diameter 5/32" for pneumatic tubing outer diameter 1/4" for pneumatic tubing outside diameter 5/16"
Note on materials	RoHS-compliant
Material of sub-base	PA-reinforced
Seals material	HNBR NBR
Compressed air filter material	Fabric PA PE POM
Film material	Polyester
Housing material	PA-reinforced
Sleeve material	PA-reinforced
Clip material	High-alloy stainless steel
Nut material	High-alloy stainless steel
O-ring material	HNBR NBR
Material of adjusting screw	PA-reinforced

Feature	Value
Material of screws	High-alloy stainless steel