

Manifold sub-base VABX-A-S-BV-AH-RVAAAA

Part number: 8188466

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Size	1
Grid dimension	10.55 mm
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Reverse polarity protection	Yes
Diagnostics via LED	Diagnostics per channel Diagnostics per module
Diagnostics per internal communication	Load supply undervoltage PL Logic supply undervoltage PS Load supply overvoltage PL Logic supply overvoltage PS
Max. number of valve positions	4
Integrated function	With electrical interlinking module
Flow direction	Reversible
Max. number of valve coils	8
Compatible with	Valve terminal VTUX-A-S
Suitability for vacuum	Yes
Nominal flow rate standardised according to ISO 8778	470 l/min
Dimensions (W x L x H)	42.05 mm x 104.3 mm x 43.1 mm
Fuse protection (short circuit)	Internal electronic fuse per channel
Inductive protective circuit	Integrated
Intrinsic current consumption at nominal operating voltage for electronics/sensors	Typical 24 mA
Intrinsic current consumption at nominal operating voltage load	Typical 7 mA
Note regarding operating voltage	SELV/PELV fixed power supplies required Note the voltage drop
Power consumption at 24VDC	0.74 W
Nominal DC operating voltage, electronics/sensors	24 V
Nominal operating voltage DC of load	24 V
Power failure bridging	10 ms
Electrical isolation of outputs between channel - internal communication	Yes
Potential separation between the supply voltages electronics/sensor technology and load/valves	Yes
Pollution degree	2
Permissible voltage fluctuations for electronics/sensors	±25%
Permissible voltage fluctuation of load	±10%
Approval	RCM

Feature	Value
KC mark	KC-EMV
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C ... 70 °C
Relative air humidity	5 - 95%
Degree of protection	IP65
Overvoltage category	II
Ambient temperature	-5 °C ... 50 °C
Nominal altitude of use	< 3000 m NHN
Product weight	120.7 g
Electrical control	AP interface
Max. address volume, outputs	1 Byte
Communication interface, protocol	AP
Mounting method for sub-base	With through-hole
Type of mounting	Tie rod
Pneumatic connection, port 2	For 10 mm cartridge
Pneumatic connection, port 4	For 10 mm cartridge
Note on materials	RoHS compliant
Material sub-base	Reinforced PA
Material seals	NBR
Material retaining bracket	POM
Material sleeve	High-alloy stainless steel
Material clip	High-alloy stainless steel
Material nut	High-alloy stainless steel