

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

Part number: 8188466

FESTO



 General operating condition

Data sheet

Feature	Value
Size	1
Width dimension	10.55 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
Reverse polarity protection	yes
Diagnostics via LED	Diagnostics per channel Diagnostics per module
Diagnose per internal communication	Load switch-off Load supply undervoltage PL Logic supply undervoltage PS Load supply overvoltage PL Logic supply overvoltage PS
Integrated function	With electrical manifold module
Max. no. of valve positions	4
Flow direction	Reversible
Max. no. of solenoid coils	8
Compatible with	Valve terminal VTUX-A-S
Suitability for vacuum	yes
Nominal flow rate standardized 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	Installed
Intrinsic current consumption at nominal operating voltage for electronics/sensors	typically 24 mA
Intrinsic current consumption at nominal operating voltage load	typically 7 mA
Note regarding operating voltage	SELV/PELV fixed power supplies required Note voltage drop
Power consumption at 24 VDC	0.74 W
Nominal operating voltage DC for electronics/sensors	24 V
Nominal operating voltage DC load	24 V
Power failure buffering	10 ms
Electrical isolation of outputs between channel - internal communication	yes
Potential separation between the supply voltages electronics/sensor technology and load/valves	yes
Contamination level	2
Permissible voltage fluctuations for electronics/sensors	± 25 %
Permissible voltage fluctuations load	± 10%

Feature	Value
Certification	RCM compliance mark
KC characters	KC EMC
CE marking (see declaration of conformity)	As per EU EMC directive As per 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 above sea level	< 3000 m NHN
Product weight	120.7 g
Electrical actuation	AP interface
Max. address capacity outputs	1 byte
Communication interface, protocol	AP
Sub-base mounting type	With through-hole
Type of mounting	Tie rod
Pneumatic connection 2	for 10 mm cartridge
Pneumatic connection 4	for 10 mm cartridge
Note on materials	RoHS-compliant
Material of sub-base	PA-reinforced
Seals material	NBR
Retainer bracket material	POM
Sleeve material	High-alloy stainless steel
Clip material	High-alloy stainless steel
Nut material	High-alloy stainless steel