

Verkettungsplatte VABX-

Part number: 8000870

FESTO



Data sheet

Feature	Value
Size	1 2 3
Width dimension	10.55 mm 12.55 mm 16.05 mm 19.05 mm
Valve size	10 mm 15 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
Connection position	Lateral
Reverse polarity protection	Yes
Sealing principle	Soft
Mounting position	Any
Diagnostics via LED	(outputs) power supply load Diagnostics per channel Diagnostics per module Load power supply Connection Status
Diagnose per internal communication	Load switch-off Electronics/sensors overvoltage Load supply undervoltage PL Logic supply undervoltage PS Electronics/sensors undervoltage Load supply overvoltage PL Logic supply overvoltage PS
Max. no. of valve positions	1 4
Integrated function	Ejector pulse, electric Ejector pulse valve, electric Coding cover for determining the control air supply (internal or external) Flow control valve Pressure sensor Pressure transmitter Electric on-off valve Filter Electric air-saving function

Feature	Value
	Check valve Muffler open With electrical interlinking module
Flow direction	Reversible
Max. no. of solenoid coils	8
Compatible with	Valve manifold VTUX-A-P Valve manifold VTUX-A-S
Suitability for vacuum	Yes
Inductive protective circuit	Installed
Note regarding operating voltage	SELV/PELV fixed power supplies required Note voltage drop
Nominal operating voltage DC	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
Protocol	AP IO-Link®
Certification	RCM compliance mark
KC characters	KC-EMV
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
Corrosion resistance class (CRC)	1 - Low corrosion stress 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	IP20 IP40 IP65
Ambient temperature	-5 °C...50 °C
Nominal altitude of use above sea level	< 3000 m NHN
Max. installation height	3500 m
Note on materials	RoHS compliant