Pneumatic interface VABA-S6-1-X2-F2-CB

Part number: 8068241

Data sheet

Feature	Value
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
Valve terminal interface	Type 44, VTSA-F-CB
Diagnosis	Wire break per solenoid coil Short circuit of valves Undervoltage of valves
Max. number of valve positions	12 with bistable valves 24 with monostable valves
LED display	1 Group diagnostics
Parameterisation	Fail-safe per channel Forcing per channel Idle mode per channel Module monitoring
Fuse protection (short circuit)	Internal electronic fuse protection per valve output
Operational voltage range DC	21.6 V...26.4 V
Intern power consumption nominal operating voltage	Typ. 110 mA for electronics with CPX-FVDA-P2 Typ. 25 mA for pneumatic valves without CPX-FVDA-P2 Typ. 45 mA for electronics without CPX-FVDA-P2 Typ. 90 mA for valves with CPX-FVDA-P2
Max. power supply per channel	0.2 A
Max. total current per module	4.5 A
Nominal operating voltage DC	24 V
Isolation channel - internal bus	Yes, when using an additional power supply for the valves
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
CE marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C...60 °C
Degree of protection	IP65
Ambient temperature	-5 °C...50 °C
Product weight	754 g
Electrical control	Fieldbus

Feature	Value
Electrical connection output, function	Safe digital output
Electrical connection output, connection type	Socket
Electrical connection output, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection output, number of connections/cores	5
Electrical connection	Via CPX
Note on materials	RoHS-compliant
Material sub-base	Die-cast aluminium
Material cover	PA
Material seals	NBR
Material screws	Steel