

Electrical interface

VABA-S6-1-AP

Part number: 8152356

FESTO



Data sheet

Feature	Value
Connection position	Top
Reverse polarity protection	yes
Diagnostics via LED	Diagnostics per module Load power supply
Diagnose per internal communication	Load switch-off Electronics/sensors overvoltage Load overvoltage Electronics/sensors undervoltage Load undervoltage
Max. no. of valve positions	12
Max. no. of solenoid coils	24
Module parameters	Configuration of voltage monitoring, load supply PL Response in error state
Dimensions W x L x H	71 mm x 142 mm x 84 mm
Fuse protection (short circuit)	Internal electronic fuse per channel
Intrinsic current consumption at nominal operating voltage for electronics/sensors	Typically 34 mA
Intrinsic current consumption at nominal operating voltage load	Typically 16 mA
Power failure buffering of load	3 ms
Note regarding operating voltage	SELV/PELV fixed power supplies required Note voltage drop
Max. power supply	2 x 4 A (external fuse required)
Nominal operating voltage DC for electronics/sensors	24 V
Nominal operating voltage DC load	24 V
Nominal operating voltage DC	24 V
Power failure buffering	10 ms
Permissible voltage fluctuations for electronics/sensors	± 25 %
Permissible voltage fluctuations load	± 10%
Power supply, function	Incoming electronics/sensors and load
Power supply, type of connection	Plug
Power supply, connection technology	M8x1, A-coded as per EN 61076-2-104
Power supply, number of pins/wires	4
Voltage forwarding, function	Outgoing electronics/sensors and load
Voltage forwarding, connection type	Socket

Feature	Value
Voltage forwarding, connection technology	M8x1, A-coded as per EN 61076-2-104
Voltage forwarding, number of pins/wires	4
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Storage temperature	-20 °C...60 °C
Relative air humidity	5 - 95 % Non-condensing
Protection against direct and indirect contact	PELV SELV
Degree of protection	IP65
Note on degree of protection	In mounted state Unused connections sealed
Ambient temperature	5 °C...50 °C
Nominal altitude of use above sea level	<= 2000 m NHN
Product weight	712 g
Max. cable length	50 m system communication
Communication interface, function	System communication XF10 IN / XF20 OUT
Communication interface, connection type	2x socket
Communication interface, connection technology	M8x1, D-coded as per EN 61076-2-114
Communication interface, number of pins/wires	4
Communication interface, protocol	AP-COM
Communication interface, shielding	yes
Note on materials	RoHS-compliant
Cover material	Die-cast aluminum
Threaded sleeve material	Brass, nickel-plated