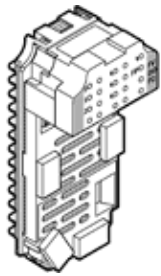


output module CPX-FVDA-P2

Part number: 1971599

FESTO



Data sheet

Feature	Value
Dimensions W x L x H	(incl. interlinking block and connection technology) 50 mm x 107 mm x 55 mm
Product weight	50 g
Ambient temperature	-5 ... 50 °C
Note on ambient temperature	Observe derating curve for pneumatic interface
Storage temperature	-20 ... 70 °C
Protection class	Depending on the connection block
Corrosion resistance classification CRC	1 - Low corrosion stress (when installed)
Max. line length	200 m
PWIS conformity	VDMA24364-B2-L
CE mark (see declaration of conformity)	to EU directive for EMC to EU directive for machinery in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK instructions for machines To UK RoHS instructions
Authorisation	c UL us - Recognized (OL)
Certificate issuing department	TÜV Rheinland 01/205/5294.01/18 German Technical Control Board (TÜV) Rheinland 01/205U/5294.00/22
Materials note	Conforms to RoHS
Material housing	PA-reinforced PC
Probability of Failure per Hour in [1/h].	1E-09
LED displays	1 fail-safe mode protocol active 1 group diagnostics 3 channel diagnostics 3 channel status
Diagnosis	Wire break per channel Short circuit/overload per channel Cross circuit Undervoltage, valves
Maximum address volume for inputs	6 Byte
Maximum address volume for outputs	6 Byte
No. of outputs	2
Note on outputs	2 external outputs 1 internal channel to switch off the valve voltage
Parameters configuring	Diagnostics behaviour Monitoring wire break/channel
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	-15 % / +20 %
Residual ripple	2 Vpp within voltage range
Intrinsic current consumption at operating voltage	Typically 25 mA (power supply for electronics) Typically 65 mA (load voltage supply for valve)
Load capacity against functional earth	400 nF
Switching logic, outputs	PM switching

Feature	Value
Max. reaction time to switch-off command	F_WD_TIME + 23 ms
Safety function	Safely switching off supply voltage for the valves
Safety Integrity Level (SIL)	Safe switch-off/SIL 3
Performance level (PL)	Category 3 safety component, performance level e
Max. power supply per channel	1,5 A
Max. resultant current per module	5 A
Voltage drop per channel	0.6 V
Electrical isolation channel – channel	No
Electrical isolation channel – internal bus	Yes, for intermediate supply
Protection (short circuit)	Internal electronic fuse protection per channel