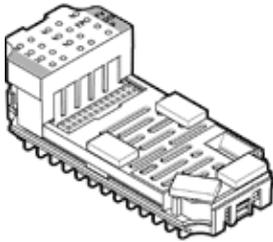


Output module CPX-FVDA-P

Part number: 567039

FESTO



Data sheet

Feature	Value
Dimensions W x L x H	(incl. interlinking block and connection technology) 50 mm x 107 mm x 50 mm
No. of outputs	2
Diagnosis	- Wire break per channel - Short circuit/overload per channel - Cross circuit - Undervoltage of valves
Parameters configuring	- Diagnostic behavior Monitoring of wire break/channel
Safety Integrity Level (SIL)	Safe switch-off/SIL 3
Performance level (PL)	Category 3 safety component, performance level e
LED displays	- 1 Failsafe protocol active - 1 Group diagnosis - 3 Channel diagnostics - 3 Channel status
Protection (short circuit)	Internal electronic fuse protection per channel
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	100 nF
Max. reaction time to switch-off command	F_WD_TIME + 16 ms
Max. power supply per channel	0.5 A (12 W lamp load)
Max. resultant current per module	5 A
Nominal operating voltage DC	24 V
Electrical isolation channel – internal bus	Yes, for intermediate supply
Electrical isolation channel – channel	No
Residual ripple	2 Vpp within voltage range
Voltage drop per channel	0.6 V
Permissible voltage fluctuation	-15 % / +20 %
Certificate issuing department	01/205/5074/10
CE symbol (see declaration of conformity)	according to EU machines guideline
Corrosion resistance classification CRC	1 (when installed)
Storage temperature	-20 ... 70 °C
Protection class	Depending on the connection block
Ambient temperature	-5 ... 50 °C
Authorization	c UL us - Recognized (OL)
Probability of Failure per Hour in [1/h].	1.3E-10
Note on outputs	2 external outputs 1 internal channel to switch off the valve voltage
Switching logic, outputs	PM switching
Materials note	Conforms to RoHS
Materials information, housing	PA-reinforced PC