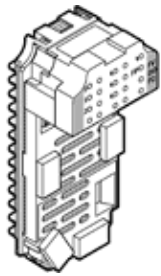


# output module CPX-FVDA-P2

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
No. of outputs	2
Diagnosis	Wire break per channel Short circuit/overload per channel Cross circuit Undervoltage, valves
Parameters configuring	Diagnostics behaviour Monitoring wire break/channel
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
LED displays	1 fail-safe mode protocol active 1 group diagnostics 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	400 nF
Max. reaction time to switch-off command	F_WD_TIME + 23 ms
Max. power supply per channel	1,5 A
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 %
Authorisation	c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive for machinery
Certificate issuing department	TÜV Rheinland 01/205/5294.01/18
Corrosion resistance classification CRC	1 - Low corrosion stress (when installed)
Storage temperature	-20 ... 70 °C
Protection class	Depending on the connection block
Ambient temperature	-5 ... 50 °C
Note on ambient temperature	Observe derating curve for pneumatic interface
Probability of Failure per Hour in [1/h].	1E-09
Product weight	50 g
Maximum address volume for outputs	6 Byte
Note on outputs	2 external outputs 1 internal channel to switch off the valve voltage
Maximum address volume for inputs	6 Byte
Max. line length	200 m
Switching logic, outputs	PM switching
Materials note	Conforms to RoHS
Material housing	PA-reinforced PC