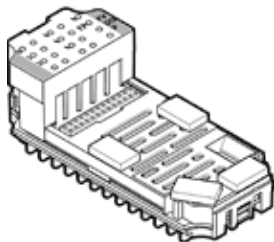


Output module CPX-FVDA-P

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 behaviour 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 mark (see declaration of conformity) | to EU directive for machinery |
| Corrosion resistance classification CRC | 1 (when installed) |
| Storage temperature | -20 ... 70 °C |
| Protection class | Depending on the connection block |
| Ambient temperature | -5 ... 50 °C |
| Authorisation | 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 |