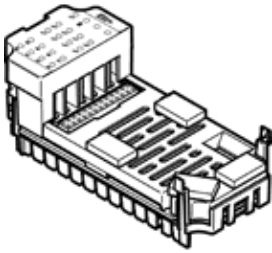


input module CPX-F8DE-P

Part number: 2597424

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 inputs	8
Diagnosis	Wire break per channel Communication Short circuit per channel Process value error Cross circuit per channel Self-test Overvoltage Overtemperature Undervoltage
Safety function	Reliable detection and evaluation of input statuses
Safety Integrity Level (SIL)	Reliable detection and evaluation of input statuses in accordance with EN 62061 up to SIL CL3 Reliable detection and evaluation of input statuses in accordance with EN61508 up to SIL CL3
Performance level (PL)	Reliable detection and evaluation of input statuses in accordance with ISO 13849 up to cat. 4 and PL e
Control elements	DIL switches
LED displays	1 fail-safe mode protocol active 1 group diagnostics 8 channel diagnostics 8 channel status
Operating voltage range DC	20.4 ... 28.8 V
Intrinsic current consumption at operating voltage	Typically 35 mA for electronics
Max. resultant current per module	3 A
Nominal operating voltage DC	24 V
Electrical isolation channel – channel	No
Residual ripple	2 Vpp within voltage range
Authorisation	c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive for machinery
Certificate issuing department	01/205/5444.00/15
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
Probability of Failure per Hour in [1/h].	1E-09
Product weight	46 g
Maximum address volume for outputs	7 Byte
Maximum address volume for inputs	6 Byte
Input characteristics	To IEC 61131-2, type 2
Max. line length	200 m
Input circuit logic	PNP (positive-switching)
Materials note	Conforms to RoHS