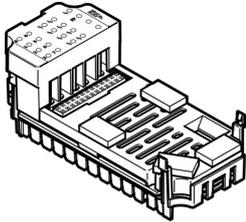


Input module CPX-F8DE-P

Part number: 2597424

FESTO



Data sheet

Feature	Value
Dimensions W x L x H	(incl. interlinking block and connection system) 50 mm x 107 mm x 55 mm
Type code	CPX
No. of inputs	8
Diagnostics	Wire break per channel Communication Short circuit per channel Process value error Cross circuit per channel Self-test Overvoltage Over temperature Undervoltage
Safety function	Reliable input status detection and evaluation
Safety integrity level (SIL)	Safe recording and analysis of input states as per EN 62061 up to SIL CL3 Reliable recording and analysis of input states as per EN61508 to SIL3
Performance Level (PL)	Reliable detection and evaluation of input statuses as per ISO 13849 up to category 4 and performance level e
Control elements	DIL switch
LED indicators	1 fail-safe mode protocol active 1 group diagnostics 8 channel diagnostics 8 channel status
DC operating voltage range	20.4 V ... 28.8 V
Intrinsic current consumption at nominal operating voltage	Typ. 35 mA (electronics operating voltage supply)
Max. residual current per module	3 A
Nominal operating voltage DC	24 V
Electrical isolation between channels	no
Residual ripple	2 V _{ss} within voltage range
Certification	c UL us - Recognized (OL)
CE marking (see declaration of conformity)	as per EU machinery directive
Certificate issuing authority	01/205/5444.01/21
Corrosion resistance class (CRC)	1 - Low corrosion stress (when installed)
Storage temperature	-20 °C ... 70 °C
Degree of protection	Depends on manifold block
Ambient temperature	-5 °C ... 50 °C
PFH	1.0E-9
Product weight	46 g

Feature	Value
Max. address capacity outputs	7 byte
Max. address capacity inputs	6 byte
Input characteristics	As per IEC 61131-2, type 2
Max. cable length	200 m
Input switching logic	PNP (positive switching)
Note on materials	RoHS-compliant