

Input module

CPX-8DE-D

Part number: 541480

FESTO

With channel oriented diagnosis.



Data sheet

Feature	Value
Dimensions W x L x H	(incl. interlinking block and connection technology) 50 mm x 107 mm x 50 mm
Product weight	45 g
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 70 °C
Protection class	Depending on the connection block
Corrosion resistance classification CRC	1 - Low corrosion stress (when installed)
PWIS conformity	VDMA24364-B2-L
Material housing	PA-reinforced PC
LED displays	1 group diagnostics 8 channel diagnostics 8 channel status
Diagnosis	Short circuit/overload per channel
Parameters configuring	Input debounce time Signal extension time Behaviour after short circuit Module monitoring
Operating voltage range DC	18 ... 30 V
Nominal operating voltage DC	24 V
Intrinsic current consumption at operating voltage	Typically 15 mA
No. of inputs	8
Input characteristics	IEC1131-T2
Switching level	Signal 0: ≤ 5 V Signal 1: ≥ 11 V
Input circuit logic	PNP (positive-switching)
Input debounce time	3 ms (0.1 ms, 10 ms, 20 ms, parameterizable)
Max. residual current inputs per module	0.7 A
Electrical isolation channel – channel	No
Electrical isolation channel – internal bus	No
Protection (short circuit)	Internal electronic fuse protection per channel