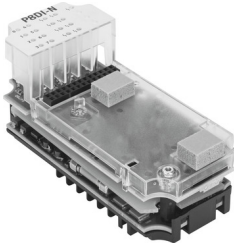


Input module CPX-P-8DE-N

Part number: 565933

FESTO



 General operating condition

Data sheet

Feature	Value
Dimensions W x L x H	(incl. interlinking block and connection system) 50 mm x 107 mm x 70 mm
Width dimension	50 mm
Type of mounting	On interlinking block CPX-M-GE...
Product weight	100 g
Ambient temperature	-5 °C ... 50 °C
Storage temperature	-20 °C ... 70 °C
Relative air humidity	95 % Non-condensing
Degree of protection	Depends on manifold block
Max. cable length	200 m
LABS (PWIS) conformity	VDMA24364 zone III
Note on materials	RoHS-compliant
Housing material	PA-reinforced PC
LED indicators	1 group diagnostics 8 channel diagnostics 8 channel status
Diagnostics	Wire break per channel Limit value violation per channel Short circuit per channel Parameterization error
Control elements	DIL switch
Parameterization	Data format Input debouncing time per channel Input function per channel Replacement value in diagnostic case per channel Signal extension time per channel Gate time per channel Limit value monitoring per channel Short circuit monitoring per channel Parameter monitoring Counter configuration per channel Upper limit per channel Lower limit value per channel Wire break monitoring per channel
Additional functions	Frequency measurement Counter function
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	+/- 25 %
Residual ripple	0.4 Vss
Intrinsic current consumption at nominal operating voltage	Typ. 75 mA

Feature	Value
Power failure buffering	20 ms
Reverse polarity protection	for operating voltage
No. of inputs	8
Input characteristics	as per EN 60947-5-6
Switching level	as per EN 60947-5-6
Input debounce time	3 ms (0 ms, 10 ms, 20 ms parameterizable)
Electrical isolation between channels	no
Electrical isolation between channel and internal bus	yes
Fuse protection (short circuit)	Per channel