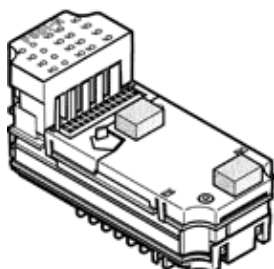


# Input module CPX-P-8DE-N

Part number: 565933

FESTO

Digital NAMUR inlet block, 8 channel.



## Data sheet

Feature	Value
Dimensions W x L x H	(incl. interlinking block and connection technology) 50 mm x 107 mm x 70 mm
Grid dimension	50 mm
Mounting type	On interlinking block CPX-M-GE.
Product weight	100 g
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 70 °C
Relative air humidity	95 % non-condensing
Protection class	Depending on the connection block
Max. line length	200 m
PWIS conformity	VDMA24364 zone III
Materials note	Conforms to RoHS
Material housing	PA-reinforced PC
LED displays	1 group diagnostics 8 channel diagnostics 8 channel status
Diagnosis	Wire break per channel Critical limit violation per channel Short circuit per channel parameterisation error
Control elements	DIL switches
Parameters configuring	Data format Input debounce time per channel Input function per channel Replacement value in diagnostics case per channel Signal extension time per channel Gate time per channel Monitoring of critical limits per channel Monitoring of short circuit per channel Monitoring of parameters Counter configuration per channel Upper critical limit per channel Lower critical limit per channel Monitoring of wire break/channel
Additional functions	Frequency measurement Counter operation
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	+/- 25 %
Residual ripple	0,4 V <sub>ss</sub>
Intrinsic current consumption at operating voltage	Typically 75 mA
Power failure buffering	20 ms
Polarity protected	for operating voltage

Feature	Value
No. of inputs	8
Input characteristics	To EN 60947-5-6
Switching level	To EN 60947-5-6
Input debounce time	3 ms (0 ms, 10 ms, 20 ms, parameterisable)
Electrical isolation channel – channel	No
Electrical isolation channel – internal bus	Yes
Protection (short circuit)	Per channel