

Input module CP-E16-M12-EL

Part number: 546923

FESTO



 General operating condition

Data sheet

Feature	Value
Type of mounting	With through-hole With DIN rail
Ambient temperature	-5 °C ... 50 °C
Storage temperature	-20 °C ... 70 °C
Degree of protection	IP65 IP67
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
KC characters	KC-EMV
Certification	RCM compliance mark c UL us - Listed (OL)
Note on materials	RoHS compliant
Housing material	PA-reinforced
Cover material	PA-reinforced
LED indicators	16 channel status 2 module diagnostics 4 group diagnostics
Max. number of inputs	16
DC operating voltage range	18 V ... 30 V
Nominal operating voltage DC	24 V
DC load voltage operating voltage range	24 V
Load voltage residual ripple	4 V _{ss}
Input characteristics	IEC1131-T2
Switching level	Signal 0: ≤ 6 V Signal 1: ≥ 8.6 V
Input switching logic	PNP (positive switching)
Input debounce time	3 ms (0.5 ms, 10 ms, 20 ms parameterizable)
Max. residual current per module	0.7 A
Electrical isolation between channels	No
Fuse protection (short circuit)	Internal electronic fuse per group