

Input module CP-E16-M8-EL

Part number: 546922

FESTO



 General operating condition

Data sheet

Feature	Value
Type of mounting	With through-hole via 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 mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
KC mark	KC-EMV
Approval	RCM c UL us - Listed (Oil)
Note on materials	RoHS compliant
Material housing	Reinforced PA
Material cover	Reinforced PA
LED display	16 Channel status 2 Module diagnostics 4 Group diagnostics
Max. number of inputs	16
Operational voltage range DC	18 V ... 30 V
Nominal operating voltage DC	24 V
Operating voltage DC load voltage	24 V
Residual ripple, load voltage	4 V _{ss}
Characteristic for inputs	IEC 1131-T2
Switching level	Signal 0: ≤ 6 V Signal 1: ≥ 8.6 V
Switching logic for inputs	PNP (positive switching)
Input debounce time	3 ms (0.5 ms, 10 ms, 20 ms, parameterisable)
Max. total current per module	0.7 A
Isolation channel - channel	No
Fuse protection (short circuit)	Internal electronic fuse protection for each group