

Input module CP-E16-M12-EL

Part number: 546923

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 |