

# Input module CP-E16-M8-EL

Part number: 546922

FESTO



 General operating condition

## Data sheet

| Feature                                    | Value                                                            |
|--------------------------------------------|------------------------------------------------------------------|
| Type of mounting                           | Either:<br>With through-hole<br>With H-rail                      |
| Ambient temperature                        | -5 °C ... 50 °C                                                  |
| Storage temperature                        | -20 °C ... 70 °C                                                 |
| Degree of protection                       | IP65<br>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<br>In accordance with EU RoHS Directive      |
| CE marking (see declaration of conformity) | To UK instructions for EMC<br>To UK RoHS instructions            |
| KC mark                                    | KC-EMV                                                           |
| Approval                                   | RCM trademark<br>c UL us listed (OL)                             |
| Note on materials                          | RoHS-compliant                                                   |
| Material housing                           | PA-reinforced                                                    |
| Material cover                             | PA-reinforced                                                    |
| LED display                                | 16 Channel status<br>2 Module diagnostics<br>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 Vpp                                                            |
| Characteristic for inputs                  | IEC1131-T2                                                       |
| Switching level                            | Signal 0: ≤ 6 V<br>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               |