

# Input module CPX-M-16DE-D

Part number: 550202

FESTO



 General operating condition

## Data sheet

| Feature                                            | Value                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Dimensions (W x L x H)                             | 50 x 107 x 50 mm                                                                                   |
| Product weight                                     | 46 g                                                                                               |
| Ambient temperature                                | -5 °C ... 50 °C                                                                                    |
| Storage temperature                                | -20 °C ... 70 °C                                                                                   |
| Degree of protection                               | Dependent on the manifold block                                                                    |
| Corrosion resistance class CRC                     | 1 - Low corrosion stress<br>(when installed)                                                       |
| LABS (PWIS) conformity                             | VDMA24364-B2-L                                                                                     |
| Material housing                                   | PC                                                                                                 |
| LED display                                        | 1 Group diagnostics<br>16 channel diagnostics/channel status                                       |
| Diagnosis                                          | Short circuit/overload per channel                                                                 |
| Parameterisation                                   | Input debounce time<br>Signal extension time<br>Behaviour after short circuit<br>Module monitoring |
| Operational voltage range DC                       | 18 V ... 30 V                                                                                      |
| Nominal operating voltage DC                       | 24 V                                                                                               |
| Intern power consumption nominal operating voltage | Typ. 34 mA                                                                                         |
| Number of inputs                                   | 16                                                                                                 |
| Characteristic for inputs                          | IEC1131-T2                                                                                         |
| Switching level                                    | Signal 0: $\leq 5$ V<br>Signal 1: $\geq 11$ V                                                      |
| Switching logic for inputs                         | PNP (positive switching)                                                                           |
| Input debounce time                                | 3 ms (0.1 ms, 10 ms, 20 ms, parameterisable)                                                       |
| Max. residual current of inputs per module         | 1.8 A                                                                                              |
| Isolation channel - channel                        | no                                                                                                 |
| Isolation channel - internal bus                   | no                                                                                                 |
| Fuse protection (short circuit)                    | Internal electronic fuse per channel pair<br>Additional fuse                                       |