

# Input module

## CTMM-S1-A-8E-A-M8-4

Part number: 8047506

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Dimensions W x L x H   | 27 mm x 123 mm x 40 mm   |
| Width dimension  | 28 mm  |
| Product weight   | 75 g   |
| Temperature of medium  | -5 °C...50 °C  |
| Ambient temperature  | -5 °C...50 °C  |
| Storage temperature  | -20 °C...40 °C   |
| Degree of protection   | IP65<br>IP67   |
| Corrosion resistance class (CRC)   | 2 - Moderate corrosion stress  |
| Vibration resistance   | Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 |
| Shock resistance   | Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27                |
| Max. cable length  | 30 m   |
| LABS (PWIS) conformity   | VDMA24364-B1/B2-L  |
| CE marking (see declaration of conformity)   | As per EU EMC directive  |
| Note on materials  | RoHS-compliant   |
| Housing material   | PA-reinforced  |
| Diagnostics via LED  | Faults per module  |
| No. of outputs   | 0  |
| Nominal operating voltage DC   | 24 V   |
| Nominal operating voltage DC for electronics/sensors                               | 24 V   |
| Permissible voltage fluctuations for electronics/sensors                           | ± 25 %   |
| Intrinsic current consumption at nominal operating voltage for electronics/sensors | Typically 12 mA  |
| Electrical connection input, function  | Analog input   |
| Electrical connection input, connection type                                       | 8x socket  |
| Electrical input connection, connection technology                                 | M8x1, A-coded as per EN 61076-2-104  |
| Electrical connection, input, number of pins/wires                                 | 4  |
| No. of inputs  | 8  |
| Max. residual current of inputs per module   | 0.2 A  |
| Measured variable  | Current  |
| Signal range   | 4 - 20 mA  |

| Feature   | Value                    |
|---|--------------------------|
| Electrical isolation between channels                 | no                       |
| Electrical isolation between channel and internal bus | no                       |
| Fuse protection (short circuit)                       | Internal electronic fuse |