

Input module CTMM-S1-D-8E-M8-3

Part number: 8047505

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Dimensions (W x L x H)	27 x 123 x 40 mm
Grid dimension	28 mm
Product weight	75 g
Media temperature	-5 °C ... 50 °C
Ambient temperature	-5 °C ... 50 °C
Storage temperature	-20 °C ... 40 °C
Degree of protection	IP65 IP67
Corrosion resistance class CRC	2 - Moderate corrosion stress
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Max. cable length	30 m
LABS (PWIS) conformity	VDMA24364-B1/B2-L
CE mark (see declaration of conformity)	To EU EMC Directive
Note on materials	RoHS-compliant
Material housing	PA-reinforced
Diagnostics via LED	Errors per module Status per channel
Number of outputs	0
Nominal operating voltage DC	24 V
Nominal DC operating voltage, 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	Digital input
Electrical connection input, connection type	8x socket
Electrical connection input, connector system	M8x1, A-coded to EN 61076-2-104
Electrical connection input, number of connections/cores	3
Number of inputs	8
Characteristic for inputs	To IEC 61131-2, type 3
Switching level	Signal 0: ≤ 5 V Signal 1: ≥ 11 V
Switching logic for inputs	PNP (positive switching)
Input debounce time	0.1 ms
Max. residual current of inputs per module	0.2 A
Isolation channel - channel	no

Feature	Value
Isolation channel - internal bus	no
Fuse protection (short circuit)	Internal electronic fuse