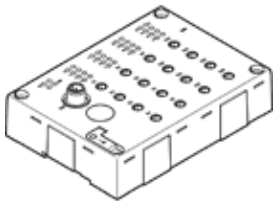


input module

CTSL-D-16E-M8-3

Part number: 1387363

FESTO



Data sheet

Feature	Value
Protocol	I-Port IO-Link
Dimensions W x L x H	143 mm x 103 mm x 32 mm
Mounting type	with through hole with top-hat rail Optional
Product weight	250 g
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 70 °C
Protection class	IP65 IP67
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC mark	KC-EMV
Authorisation	RCM Mark c UL us - Listed (OL)
Certificate issuing department	UL E239998
Materials note	Conforms to RoHS
Material housing	PA-reinforced
Material cover	PA-reinforced
Product-specific LED display	1 PS operating voltage electrical 16 channel status 2 group diagnostics
Bus-specific LED display	X20: I-Port / IO-Link
Maximum number of inputs	16
Baud rate	38,4 kbit/s, 230,4 kbit/s
Electrical connection	16x socket 3-pin M8
Operating voltage range DC	18 ... 30 V
Nominal operating voltage DC	24 V
Current consumption at nominal operating voltage, logic	≤ 35 mA
Polarity protected	for operating voltage
Input characteristics	IEC1131-T2
Switching level	Signal 0: ≤ 5 V Signal 1: ≥ 11 V
Input circuit logic	PNP (positive-switching)
Input debounce time	3 ms (0.5 ms, 10 ms, 20 ms, parameterisable)
Max. resultant current per module	1.2 A
Electrical isolation channel – channel	No
Protection (short circuit)	Internal electronic fuse protection for each group
IO-Link, connection technology	Device, 5-pin

Feature	Value
IO-Link, number of ports	1
IO-Link, port type	B
IO-Link, protocol	Device V 1.0
IO-Link, communication mode	COM2 (38,4 kBaud), COM3 (230,4 kBaud)
IO-Link, process data width IN	2 Byte
IO-Link, minimum cycle time	Device 3,2 ms