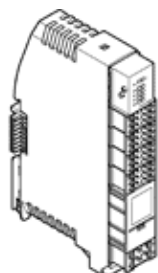


IO-Link master module CPX-E-4IOL

Part number: 4080495

FESTO



Data sheet

Feature	Value
Dimensions W x L x H	18,9 mm x 76,6 mm x 124,3 mm
Grid dimension	18.9 mm
Diagnostics via LED	Error per module Status per channel
Diagnostics via bus	Device missing/failed Wire break Module error Short circuit Parameter error Overflow/underflow Undervoltage General error
Module parameters	Short circuit diagnostics for actuator supply Behaviour after short circuit/overload Deactivate sensor supply
Channel parameters	Force channel x Deactivate actuator supply Device error code Channel mode Channel status Cycle time
Protection (short circuit)	Internal electronic fuse, load per channel Internal electronic fuse, sensor for each module
Intrinsic current consumption at nominal operating voltage for electronics/sensors	Typically 50 mA
Intrinsic current consumption at nominal operating voltage load	Typically 15 mA
Nominal operating voltage DC for electronics/sensors	24 V
Nominal operating voltage, DC outputs	24 V
Electrical isolation channel – internal bus	No
Electrical isolation channel – channel	No
Permissible voltage fluctuations for electronics/sensors	± 25 %
Permissible voltage fluctuation, outputs	± 25 %
Power supply, type of connection	Terminal strip
Power supply, connection technology	Cage clamp terminal
Power supply, number of pins/wires	4
Power supply, conductor diameter	0.2 ... 1.5 mm ²
Power supply, note on conductor diameter	0.2 - 2.5 mm ² for flexible conductors without wire end sleeves
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC
Vibration resistance	Transport application test at severity level 1 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 1 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	0 - No corrosion stress
Storage temperature	-20 ... 70 °C
Relative air humidity	95 %

Feature	Value
	non-condensing
Protection against direct and indirect contact	Protective extra-low voltage with safe disconnection (PELV)
Protection class	IP20
Ambient temperature	-5 ... 50 °C
Note on ambient temperature	-5 - 50°C for horizontal installation
Product weight	96 g
Protocol	IO-Link
IO-Link, protocol	Master V 1.1
IO-Link, communication mode	Configurable via software SIO, COM1 (4.8 kBaud), COM2 (38.4 kBaud), COM3 (230.4 kBaud)
IO-Link, port type	B
IO-Link, number of ports	4
IO-Link, process data width OUT	can be parameterised 8 - 32 byte
IO-Link, process data width IN	can be parameterised 8 - 32 byte
IO-Link, minimum cycle time	Dependent on minimum supported cycle time of the connected IO-Link® device
IO-Link, communication	C/Q green LED
Electrical connection for IO-Link®, connection type	4x terminal strips
Electrical connection for IO-Link®, connection technology	Cage clamp terminal
Electrical connection for IO-Link®, number of pins/wires	6
Electrical connection for IO-Link®, conductor cross section	0.2 ... 1.5 mm ²
Electrical connection for IO-Link®, note on conductor cross section	0.2 - 2.5 mm ² for flexible conductors without wire end sleeves
Mounting type	with top-hat rail
Materials note	Contains PWIS substances Conforms to RoHS
Material housing	PA