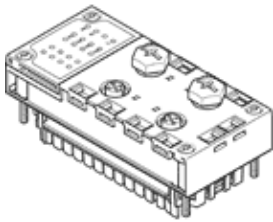


electrical interface

CPX-CTEL-2-M12-5POL-LK

Part number: 2900543

FESTO



Data sheet

Feature	Value
Protocol	IO-Link
Dimensions W x L x H	(including interlinking block) 50 mm x 107 mm x 55 mm
Product weight	110 g
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 70 °C
Protection class	IP65 IP67
Corrosion resistance classification CRC	1 - Low corrosion stress (when installed)
Max. line length	20 m
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Material housing	PA-reinforced PC
LED displays	PS: electronics supply power, sensor supply power PL: load supply X1: system status IO-Link port 1 X1: system status IO-Link port 2 Group diagnostics
Diagnosis	Communication error Short circuit module Module-oriented diagnostics Undervoltage
Control elements	DIL switches
Maximum address volume for inputs	32 Byte
Maximum address volume for outputs	32 Byte
Parameters configuring	Diagnostics behaviour Fail-safe mode per channel Forcing per channel Idle mode per channel Module parameter
Electrical connection	2x socket 5-pin A-coded M12
Operating voltage range DC	18 ... 30 V
Nominal operating voltage DC	24 V
Intrinsic current consumption at operating voltage	Typ. 65 mA
Power failure buffering	10 ms
Electrical isolation channel – channel	No
Electrical isolation channel – internal bus	Yes, for intermediate supply
IO-Link, number of ports	2
IO-Link, port type	A B
IO-Link, protocol	Master V 1.0

Feature	Value
IO-Link, communication mode	COM1 (4,8 kBaud), COM2 (38,4 kBaud), COM3 (230,4 kBaud)
IO-Link, process data width OUT	Parameterisable 4/4 to 16/16 bytes
IO-Link, process data width IN	Parameterisable 4/4 to 16/16 bytes
IO-Link, minimum cycle time	Min. 1 ms per 1 byte of process data
IO-Link master, output current	1,6 A PL / Port 1,6 A PS / Port