

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

Part number: 2900543

FESTO



Data sheet

Feature	Value
Dimensions W x L x H	(incl. interlinking block) 50 mm x 107 mm x 55 mm
Type code	CPX
Diagnostics	Communication error Module short circuit Module-orientated diagnostics Undervoltage
Parameterization	Diagnostic behavior Fail-safe modes per channel Forcing per channel Idle mode per channel Module parameters
Control elements	DIL switch
LED indicators	PS: electronic supply, sensor supply PL: load supply X1: system status, IO-Link® port 1 X1: system status, IO-Link® port 2 Group diagnostics
DC operating voltage range	18 V ... 30 V
Intrinsic current consumption at nominal operating voltage	Typ. 65 mA
Nominal operating voltage DC	24 V
Power failure buffering	10 ms
Electrical isolation between channel and internal bus	Yes, when using intermediate feed
Electrical isolation between channels	no
Corrosion resistance class (CRC)	1 - Low corrosion stress (when installed)
Storage temperature	-20 °C ... 70 °C
Degree of protection	IP65 IP67
Ambient temperature	-5 °C ... 50 °C
Product weight	110 g
Max. address capacity outputs	32 byte
Max. address capacity inputs	32 byte
Protocol	IO-Link®
IO-Link®, protocol version	Master V 1.0
IO-Link®, communication mode	COM1 (4.8 kBd), COM2 (38.4 kBd), COM3 (230.4 kBd)
IO-Link®, port class	A B
IO-Link®, number of ports	2
IO-Link®, process data width OUT	4/4 to 16/6 bytes parameterizable

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IO-Link®, process data width IN	4/4 to 16/6 bytes parameterizable
IO-Link®, minimum cycle time	Min. 1 ms per 1 byte of process data
IO-Link®, output current	1.6 A PL/port 1.6 A PS/port
Max. cable length	20 m
Electrical connection	2x socket 5-pin A-coded M12
Note on materials	RoHS-compliant
Housing material	PA-reinforced PC