

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

Part number: 2900543

FESTO



 General operating condition

Data sheet

Feature	Value
Protocol	IO-Link®
Dimensions (W x L x H)	50 x 107 x 55 mm
Product weight	110 g
Ambient temperature	-5 °C ... 50 °C
Storage temperature	-20 °C ... 70 °C
Degree of protection	IP65 IP67
Corrosion resistance class CRC	1 - Low corrosion stress (when installed)
Max. cable length	20 m
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Material housing	PC
LED display	PS: Electronic supply, sensor supply PL: Load supply X1: System status IO-Link® port 1 X1: System status of IO-Link at port 2 Group diagnostics
Diagnosis	Communication fault Module short circuit Module-orientated diagnostics Undervoltage
Operator controls	DIL switch
Max. address volume, inputs	32 Byte
Max. address volume, outputs	32 Byte
Parameterisation	Diagnostic behaviour Fail-safe per channel Forcing per channel Idle mode per channel Module parameters
Electrical connection	2x socket 5-pin A-coded M12
Operational voltage range DC	18 V ... 30 V
Nominal operating voltage DC	24 V
Intern power consumption nominal operating voltage	Typ. 65 mA
Power failure bridging	10 ms
Isolation channel - channel	no
Isolation channel - internal bus	Yes, with intermediate air supply

Feature	Value
IO-Link, Number of ports	2
IO-Link, Port class	A B
IO-Link, Protocol version	Master V 1.0
IO-Link, communication mode	COM1 (4.8 kB), COM2 (38.4 kB), COM3 (230.4 kB)
IO-Link, Process data length OUT	Parameterisable 4/4 to 16/16 bytes
IO-Link, Process data length IN	Parameterisable 4/4 to 16/16 bytes
IO-Link, Min. 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