Electrical interface
CPX-CTEL-4-M12-5POL
Part number: 1577012

FESTO

📄 General operating condition

Data sheet

Feature	Value
Protocol	I-Port
Dimensions W x L x H	(incl. interlinking block) 50 mm x 107 mm 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
Housing material	PA-reinforced PC
LED indicators	I-Port status/diagnostics Module status Load supply status System supply status
Diagnostics	Communication error Module short circuit Module-orientated diagnostics Undervoltage
Control elements	DIL switch
Max. address capacity inputs	32 byte
Max. address capacity outputs	32 byte
Parameterization	Diagnostic behavior Fail-safe modes per channel Forcing per channel Idle mode per channel Module parameters Tool change mode
Internal cycle time	1 ms per 1 byte of user data
Additional functions	Tool change mode
Electrical connection	4x socket 5-pin A-coded M12
DC operating voltage range	18 V ... 30 V
Nominal operating voltage DC	24 V
Intrinsic current consumption at nominal operating voltage	Typ. 65 mA

Feature	Value
Power failure buffering	10 ms
Max. residual current of outputs per channel	4 x 1.6 A
Max. power supply per channel	4 x 1.6 A
Electrical isolation between channels	no
Electrical isolation between channel and internal bus	Yes, when using intermediate feed
Number of device interfaces	4