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

Part number: 2900543



Data sheet

Feature	Value
Protocol	IO-Link®
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 (installed)
Max. cable length	20 m
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS compliant
Housing material	PA-reinforced PC
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
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 Failsafe per channel Forcing per channel Idle mode per channel Module parameters
Electrical connection	2x port 5-pin A-coded M12

Feature	Value
DC operating voltage range	18 V...30 V
Nominal operating voltage DC	24 V
Intrinsic current consumption at nominal operating voltage	Type. 65 mA
Power failure buffering	10 ms
Electrical isolation between channels	No
Electrical isolation between channel and internal bus	Yes, when using intermediate feed
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 kBd), COM2 (38.4 kBd), COM3 (230.4 kBd)
IO-Link®, process data width OUT	4/4 to 16/6 bytes parameterizable
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