



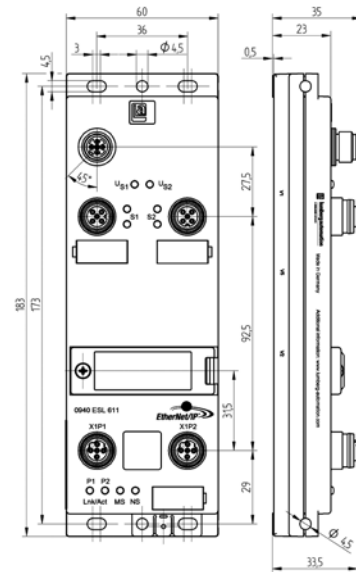
0940 ESL 611



LioN-Link EtherNet/IP Bus Coupler

LioN-Link EtherNet/IP Bus Coupler module provides the connections between the entire fieldbus system and the fieldbus independent I/O modules, optimizing the field wiring through the utilization of a modular, decentralized IP 67 fieldbus solution

– M12 LAN connection, web server



Diagnostic Indication

LED	Indication	Condition
P1 LNK/ACT	green	connection to an ethernet device
P2 LNK/ACT	yellow (flashing)	ethernet data exchange
	off	no connection with another participant
MS	green	device ready for operation
	green (flashing)	device not or wrong configured
	red (flashing)	firmware update
	red/green (flashing)	self-test is running
NS	green	connection to master exists
	green (flashing)	IP address exists, but no master connection
	red	IP address is used by a different device
	red (flashing)	connection has timed out
S1	green	line 1 active, data exchange with I/O-modules
	red	incorrect configuration or modules
	red/green (alternating flashing)	restart of line 1
S2	green	line 2 active, data exchange with I/O-modules
	red	incorrect configuration or modules
	red/green (alternating flashing)	restart of line 2
Us1	green	system-/sensors power supply line 1 available
Us2	green	system-/sensors power supply line 2 available

Pin Assignment

Bus connection M12, D coded	Lion-Link connection M12	Power supply M12
<p>1 = TD+ 2 = RD+ 3 = TD- 4 = RD Housing = Shield</p>	<p>1 = Drain 2 = +24 V 3 = GND 0V 4 = Data + 5 = Data -</p>	<p>1 = +24 V 2 = +24 V 3 = 0 V 4 = 0 V 5 = Earth</p>

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Technical Data

Environmental

Protection class (IEC 60529) *	IP67
Pollution severity	3
Temperature range	-10°C / +60°C

Mechanical

Housing	PBT
Contact bearer	PA66
Contact	CuSn, gold-plated
Bushing with thread	CuZn, nickel-plated
O-ring	FKM

Power system

Rated voltage	24 V DC
Rated current *	3 A per slot, 8 A max.per Modul
Insulation resistance	> 10 ⁹ Ohm

Flammability class

Housing	UL 94 V-0
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* Only in properly assembled state in conjunction with the proper counterparts

Part Number

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The application of these products in harsh environments should always be checked before use.
Specifications subject to alteration.

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