

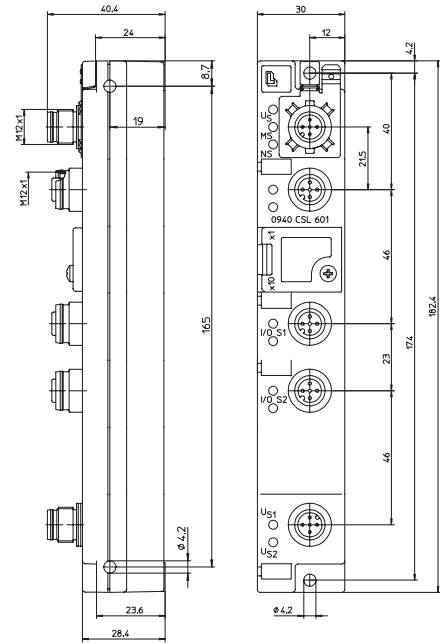
CANopen

LioN-Link BusHead CANopen®-Slave

0940 CSL 601



LioN-Link BusHead IP 67 bus coupler module for the connection between the higher level fieldbus and the fieldbus independent I/O modules, with M12 bus connection, rotary switches for addressing, M12 LioN-Link connection, M12 power supply connection



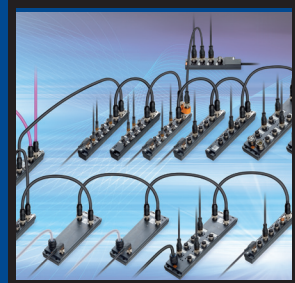
Diagnostic Indication

LED	Indication	Condition
I/O Line 1, I/O Line 2	red green off	wrong configuration / module exchanged online, communication with PLC branch not in use (module not connected)
Us1	green	sensor/system power supply Line 1
Us2	green	sensor/system power supply Line 2
MS	green green flashing red red flashing red/ green flashing	device is ready for operating wrong configuration unrecoverable fault recoverable fault self test is running
NS	green green flashing red flashing red	online, communication with PLC online, no communication with PLC timeout state of one or more I/O connections failed communication device, BUS-OFF status, duplicate MAC-ID

Pin Assignment

Bus connection M12	LioN-Link connection M12	Power supply M12
<p>1 = Drain 2 = 24 V 3 = GND (0 V) 4 = CAN_H 5 = CAN_L Housing / = Earth</p>	<p>1 = Drain 2 = 24 V Sensor/System 3 = 0 V Sensor/System 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

Degree of protection	IP 67
Operating temperature range	-10°C (+14°F) to +60°C (+140°F)

Mechanical

Weight	200 g
Housing material	PBT

Bus system

GSD/ EDS file	CANopen® 0940CSL601.EDS
Transmission rate	max. 1 MBaud
Address range	1–99 dec
Rotary address switches	1–99 dec
Default address	63 dec

Supply of the fieldbus interface

	Us
Rated voltage	24 V DC
Voltage range	11–30 V DC
Power consumption	typ. 10 mA
Reverse polarity protection	yes
Indication	LED green

System/sensors power supply

	Us1, Us2*
Rated voltage	24 V DC
Voltage range	19–30 V DC
Power consumption system:	typ. 60 mA / fieldbus: typ. 10 mA
Reverse polarity protection	yes
Indication	LED green
Output current per branch	max. 3 A

Included in

delivery/accessories	Dust covers M12, attachable labels
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Diagnostic

Diagnosis for communication status,
module breakdown and periphery
faults in the Link system

Purpose

A maximum of 16 LioN-Link I/O modules can be
operated on this BusHead

* Both supply points on the BusHead must always be connected.

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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