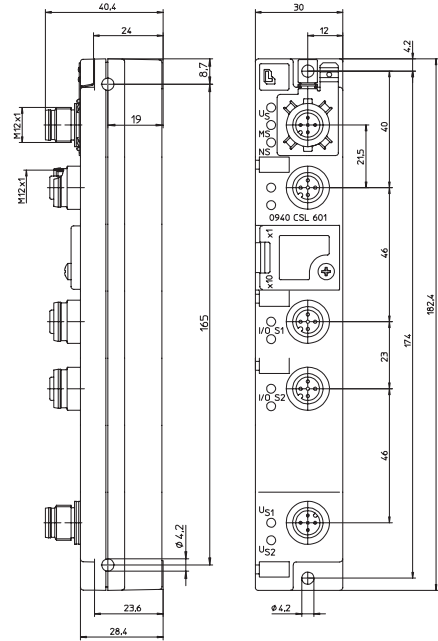


**CANopen**
**LioN-Link BusHead CANopen®-Slave**

0940 CSL 601






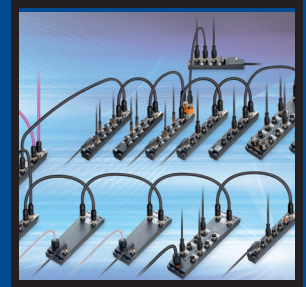
LioN-Link BusHead IP 67 bus coupler module for the connection between the higher level fieldbus and the fieldbus independent I/O modules, with M12 bus connection, rotary switches for addressing, M12 LioN-Link connection, M12 power supply connection


**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)
Us <sub>1</sub>	green	sensor/system power supply Line 1
Us <sub>2</sub>	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>



## LioN-Link BusHead CANopen®-Slave

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

#### System/sensors power supply

Us1, Us2\* 24 V DC  
Rated voltage 19–30 V DC  
Voltage range typ. 60 mA /  
Power consumption system: 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

### 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

0940 CSL 601



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