



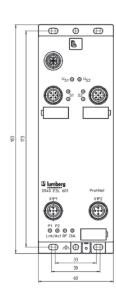
## 0940 ESL 601

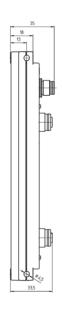


# LioN-Link BusHead ProfiNet-I/O-Device-Slave (ProfiNet LAN)

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 LioN-Link connection, M12 power supply connection

 M12 LAN connection, D coded, integrated
 3-port switch, web server, IRT (Isochrone Real Time communication)





### **Diagnostic Indication**

LED	Indication	Condition
I/Os1	red green	wrong configuration /module exchanged online, communication with PLC
1/0s2	red green off	wrong configuration /module exchanged online, communication with PLC branch not in use
Us <sub>1</sub>	green	sensor/system power supply Line 1
Us2	green	sensor/system power supply Line 2
LNK/ACT	green orange (flashing)	connection to an Ethernet device I/O device exchanging data
BF	red	no I/ O controller or wrong LioN-Link configuration
DIA	red	common indication for periphery faults

### **Pin Assignment**

Bus connection M12, D coded

Lion-Link connection M12

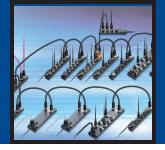
Power supply M12

1 = TD+
1 0 0 3 2 = RD+
3 = TD4 = RD
Housing = Shield

Lion-Link connection M12

1 = Drain
2 = 24 V Sensor/System
4 = Data +
5 = Data 5 = Earth

# Be Certain with Belden



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### **Technical Data**

**Environmental** 

Degree of protection IP 67

Operating temperature range  $-10^{\circ}\text{C} (+14^{\circ}\text{F}) \text{ to } +60^{\circ}\text{C} (+140^{\circ}\text{F})$ 

Mechanical

Weight 800 g Housing material PBT

 Bus system
 PROFINET IO

 VendorID
 0016A hex

 DeviceID
 0302 hex

GSDML file GSDML-V2.2-Lumberg Automation-LioN Link-20100408.xml

Transmission rate 100 Mbit/s full duplex

Transmission method 100Base-TX

Default IP address 0

System/sensors

power supplyUS1, US2\*Rated voltage24 V DCVoltage range19–30 V DCPower consumptiontyp. 100 mAReverse polarity protectionyesIndicationLED greenOutput current per branchmax. 3 A

Connection M12 plug insert (5 poles), see pin assignment

Included in

delivery/accessories Dust covers M12, attachable labels

## **Purpose**

BusHead for LioN-Link standard modules, Motion module "0942 UEM 783" and I/O-Link module "0942 UEM 620"  $\,$ 

**Part Number** 

0940 ESL 601

UL





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

<sup>\*</sup> Both supply points on the BusHead must always be connected.