



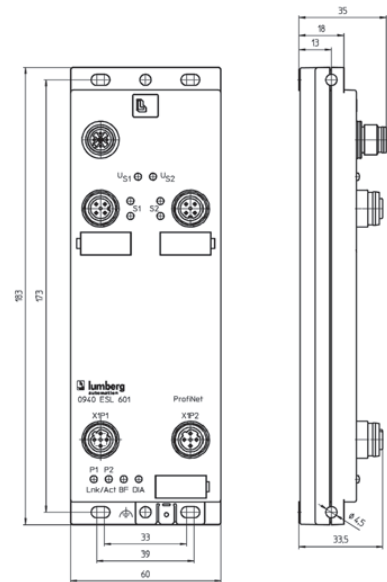
0940 ESL 601



## 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
I/Os2	red green off	wrong configuration / module exchanged online, communication with PLC branch not in use
Us1	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
<p>1 = TD+ 2 = RD+ 3 = TD- 4 = RD Housing = Shield</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	800 g
Housing material	PBT

#### Bus system

VendorID	<b>PROFINET IO</b> 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 supply

	<b>US1, US2*</b>
Rated voltage	24 V DC
Voltage range	19–30 V DC
Power consumption	typ. 100 mA
Reverse polarity protection	yes
Indication	LED green
Output current per branch	max. 3 A
Connection	M12 plug insert (5 poles), see pin assignment

#### Included in

<b>delivery/accessories</b>	Dust covers M12, attachable labels
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\* Both supply points on the BusHead must always be connected.

### 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



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