



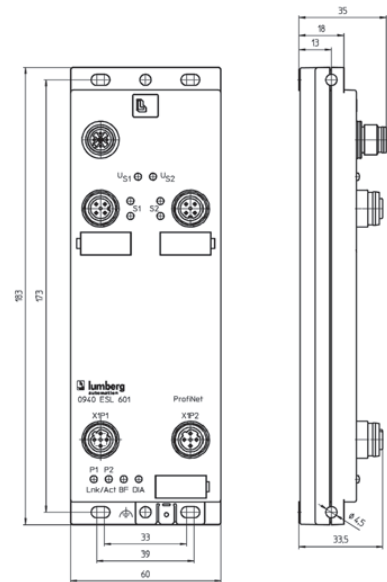
0940 ESL 601



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) –



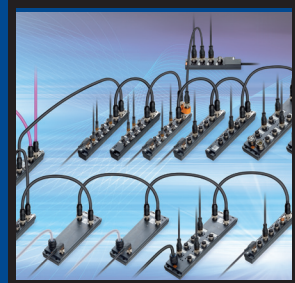
Diagnostic Indication

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>

Be Certain with Belden



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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	PROFINET IO
DeviceID	0016A hex
GSDML file	0302 hex
Transmission rate	GSDML-V2.2-Lumberg Automation-LioN Link-20100408.xml
Transmission method	100 Mbit/s full duplex
Default IP address	100Base-TX
	0

System/sensors

power supply

	US1, US2*
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

delivery/accessories	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

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