



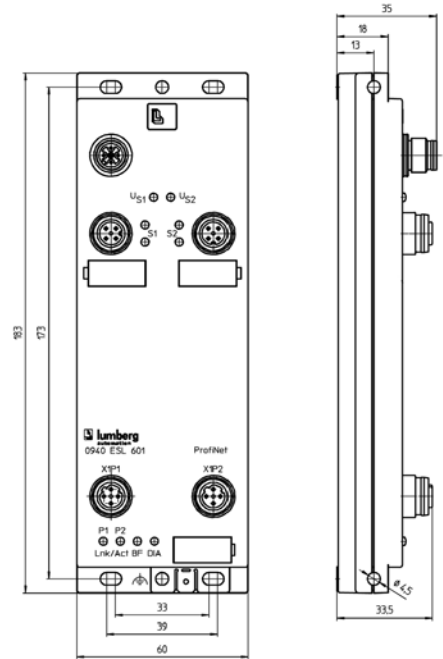
LioN-Link BusHead ProfiNet-I/O-Device-Slave (ProfiNet LAN)

0940 ESL 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 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/O _{S1}	red green	wrong configuration/module exchanged online, communication with PLC
I/O _{S2}	red green off	wrong configuration/module exchanged online, communication with PLC branch not in use
U _{S1}	green	sensor/system power supply Line 1
U _{S2}	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

LAN 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>

Technical Data

Degree of protection	IP 67
Operating temperature range	-10°C/+60°C
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-20090623.xml
Transmission rate	100 Mbit/s full duplex
Transmission method	100Base-TX
Default IP address	0

System/sensors

power supply	U_{s1}, U_{s2}*
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"

Designation

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