



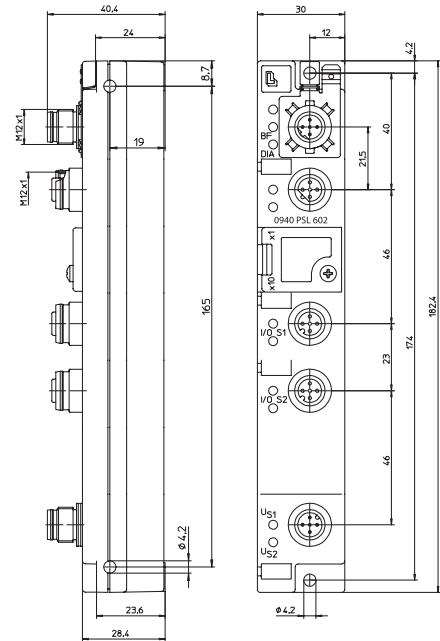
0940 PSL 602



## LioN-Link BusHead Profibus-Slave

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

– Supports Profibus DP-V1 (acyclic communication) Diagnostic –



### Diagnostic Indication

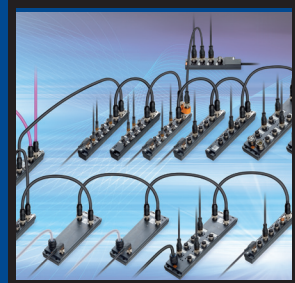
LED	Indication	Condition
I/O Line 1, I/O Line 2	red green off	wrong configuration /module exchanged online, communication with PLC branch not in use (module not connected)
Us1	green	sensor/system power supply Line 1
Us2	green	sensor/system power supply Line 2
BF	red	bus error
DIA	red	common indication for periphery faults

### Pin Assignment

Bus connection M12, B coded	LioN-Link connection M12	Power supply M12
<p>1 = +5 V<sup>1</sup> 2 = Line A 3 = GND (0 V)<sup>1</sup> 4 = Line B 5 = Earth</p>	<p>1 = Drain 2 = 24 V System 3 = 0 V System 4 = Data + 5 = Data -</p>	<p>1 = +24 V 2 = +24 V 3 = 0 V 4 = 0 V 5 = Earth</p>

<sup>1</sup> = internal signals

Be Certain with Belden



## LioN-Link BusHead Profibus-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

ID number	0B99 hex
GSD file	Lum_0B99.GSD
Transmission rate	max. 12 MBaud
Address range	1–125 dec
Rotary address switches	1–99 dec
Default address	99 dec

#### Profibus DP

ID number	0B99 hex
GSD file	Lum_0B99.GSD
Transmission rate	max. 12 MBaud
Address range	1–125 dec
Rotary address switches	1–99 dec
Default address	99 dec

#### System/sensors

##### power supply

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

##### 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

#### Included in

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

### Diagnostic

Diagnosis according to Profibus specification, diagnosis for communication status, module breakdown and periphery faults in the Link system

### Purpose

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

#### Part Number

0940 PSL 602



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