



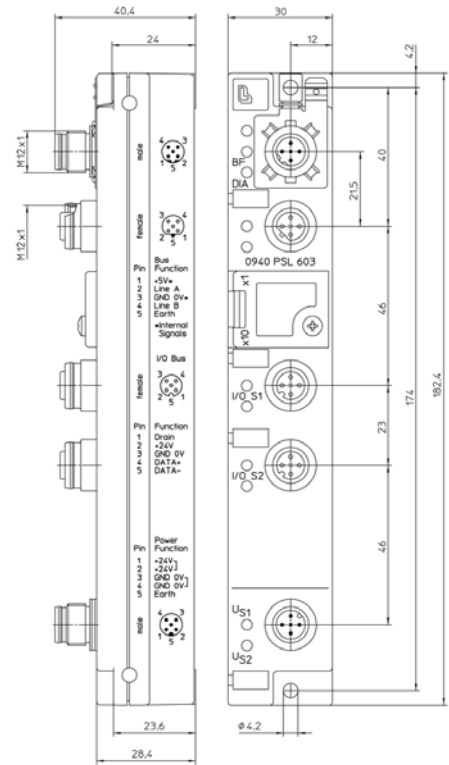
0940 PSL 603



### 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

- Profibus-Slave, for applications such as tool change or options handling with LioN-Link I/O module 0942 UEM 670



### 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)
U <sub>S1</sub>	green	sensor/system power supply Line 1
U <sub>S2</sub>	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

## Technical Data

Degree of protection	IP 67
Operating temperature range	-10°C/+60°C
Weight	200 g
Housing material	PBT

<b>Bus system</b>	<b>Profibus DP</b>
ID number	0B98 hex
GSD file	Lum_0B98.GSD
Transmission rate	max. 12 MBaud
Address range	1–125 dec
Rotary address switches	1–99 dec
Default address	99 dec

### System/sensors

<b>power supply</b>	<b>U<sub>s1</sub>, U<sub>s2</sub>*</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

<b>Included in delivery/accessories</b>	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, "shadow module 0942 UEM 670" and "tool change mode"

### Designation

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