

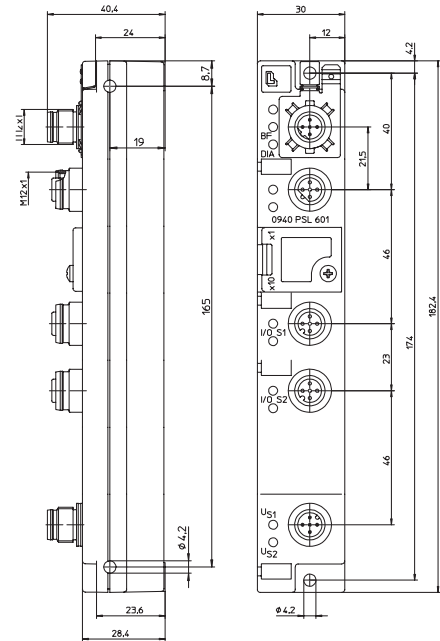


0940 PSL 601



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.



Diagnostic Indication

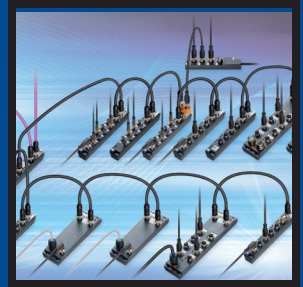
| LED | Indication | Condition |
|------------------------|---------------------|---|
| I/O Line 1, I/O Line 2 | red green off | wrong configuration /module exchanged online, communication with PLC branch not in use (module not connected) |
| Us1 | green | sensor/system power supply Line 1 |
| Us2 | 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 V¹ 2 = Line A 3 = GND (0 V)¹ 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> |

¹ = internal signals

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 | 200 g |
| Housing material | PBT |

Bus system

| | |
|-------------------------|---------------|
| ID number | 0A36 hex |
| GSD file | Lum_0A36.GSD |
| Transmission rate | max. 12 MBaud |
| Address range | 1–125 dec |
| Rotary address switches | 1–99 dec |
| Default address | 99 dec |

Profibus DP

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*

Included in

| | |
|----------------------|------------------------------------|
| delivery/accessories | Dust covers M12, attachable labels |
|----------------------|------------------------------------|

* 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

Part Number

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

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