



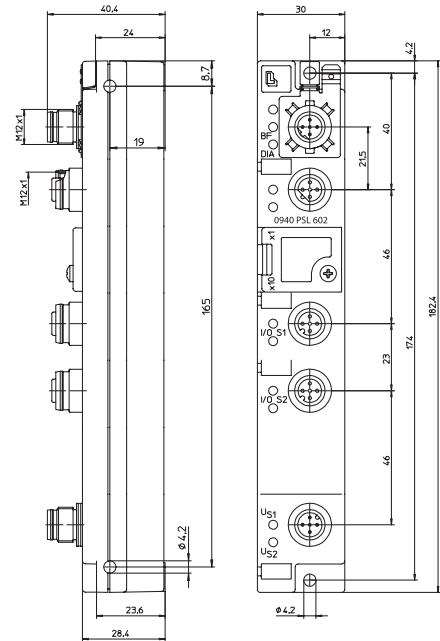
0940 PSL 602



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

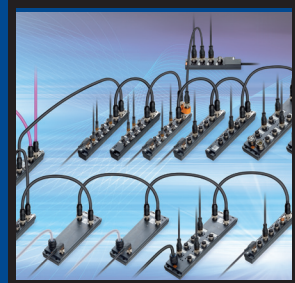
LED	Indication	Condition
I/O Line 1, I/O Line 2	red green off	wrong configuration /module exchanged online, communication with PLC branch not in use (module not connected)
Us1	green	sensor/system power supply Line 1
Us2	green	sensor/system power supply Line 2
BF	red	bus error
DIA	red	common indication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

Pin Assignment

Bus connection M12, B coded	LioN-Link connection M12	Power supply M12
<p>1 = +5 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	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

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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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