



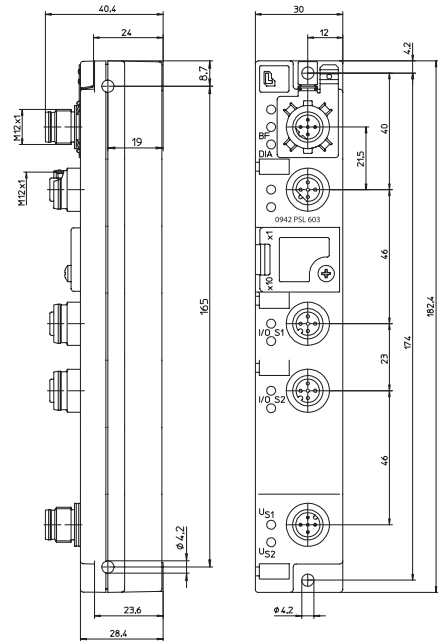
0940 PSL 603



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 –



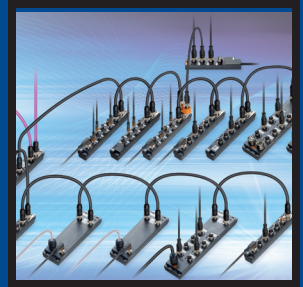
Diagnostic Indication

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)
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



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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 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

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, "shadow module 0942 UEM 670" and "tool change mode"

Part Number

0940 PSL 603



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