

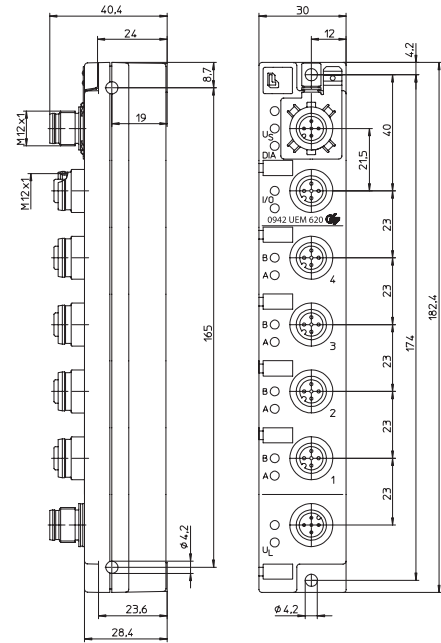


0942 UEM 620


LioN-Link I/O Module with 8 Digital Inputs and 4 I/O-Link Inputs (I/O-Link-Master)
8 IN/4 I/O-Link IN (Universal)




LioN-Link I/O module with 4 I/O-Link channels, each channel can be configured universally in standard digital I/O mode (SIO mode) or in communications mode, M12 sockets, 4 poles

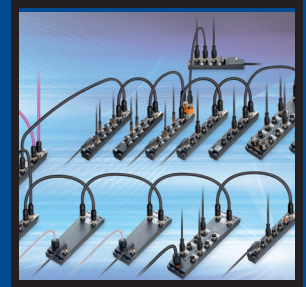
– Only with BusHead 0940 PSL 602 or ProfiNet BusHead 0940 ESL 601 –


Diagnostic Indication

LED	Indication	Condition
1...4 A IOL:	green yellow	I/O Link communications mode standard I/O mode (SIO)
1...R B DIA:	red flashing red	I/ O-Link diagnostic: IOL fault SIO mode: periphery fault
I/O	yellow red red flashing green	channel status in SIO mode wrong configuration / module exchanged not recognized by the BusHead online, communication with BusHead
Us	green	sensor/system power supply
Ul	green	I/O-Link supply
DIA	red	common indication for periphery faults

Pin Assignment

LioN-Link connection M12	Actuator/sensor connection M12	I/O-Link supply M12
 <p>1 = Drain 2 = 24 V Sensor/System 3 = 0 V Sensor/System 4 = Data + 5 = Data -</p>	 <p>1 = +24 V DC 2 = In B 3 = (0 V) 4 = IO-Data / In A 5 = Earth</p>	 <p>1 = +24 V 2 = n.c. 3 = GND (0 V) 4 = n.c. 5 = Earth</p>



LioN-Link I/O Module with 8 Digital Inputs and 4 I/O-Link Inputs (I/O-Link-Master)

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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 175 g
 Housing material PBT

System/sensors

power supply
 Rated voltage 24 V DC
 Voltage range 19–30 V DC
 Power consumption typ. 70 mA
 Operating indication LED green

Input power supply

Voltage range 24 V DC
 Sensor current 700 mA/module
 Short circuit proof yes
 Indication LED green

Input wiring

Rated input voltage
 Channel type N.O.
 Number of digital channels
 Channel status indicator
 Diagnostic indication

I/O-Link power supply

Rated voltage
 Voltage range 1
 Reverse polarity protection

I/O-Link

Included in delivery/accessories

Type 3 acc. to IEC 61131-2

24 V DC
 p-switching
 max. 8
 LED A green/yellow
 LED red

UL

24 V DC
 9–30 V DC
 yes/antiparallel diode

Specification 1.0

Dust covers M12, attachable labels

Note

The information in the operating instructions must be observed.

Bit Assignments

Channel: 1 byte, 1 word or not configured																																												
Byte	Byte 0								Byte 1																																			
Bit	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0																												
Port	1								1																																			
Channel: 2 byte, 1 word or not configured																																												
Byte	Byte 2								Byte 3																																			
Bit	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0																												
Port	2								2																																			
Assignment	I/O-Link-Device process data/High Byte								I/O-Link-Device process data/Low Byte																																			
Channel: 3 byte, 1 word or not configured																																												
Byte	Byte 4								Byte 5																																			
Bit	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0																												
Port	3								3																																			
Assignment	I/O-Link-Device process data/High Byte								I/O-Link-Device process data/Low Byte																																			
Channel: 4 byte, 1 word or not configured																																												
Byte	Byte 6								Byte 7																																			
Bit	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0																												
Port	4								4																																			
Assignment	I/O-Link-Device process data/High Byte								I/O-Link-Device process data/Low Byte																																			
2 Bytes (module status)																																												
Byte	Byte 8								Byte 9																																			
Bit	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0																												
Port	4				3				2				1				4				3				2				1															
Assignment	Pin 4 = DI				Pin 4 = DI				Pin 4 = DI				Pin 4 = DI				1=I/O-Link 0-SIO				1=I/O-Link 0-SIO				1=I/O-Link 0-SIO				1=I/O-Link 0-SIO				Pin 2 = DI				Pin 2 = DI				Pin 2 = DI			

Part Number

0942 UEM 670



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