

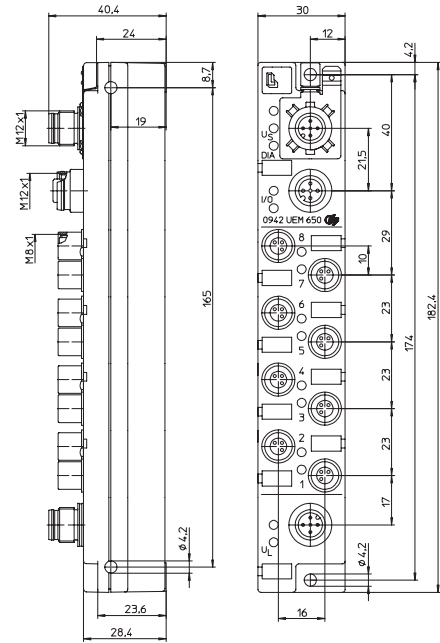
## LioN-Link I/O Module with 8 Digital Inputs and Outputs

0942 UEM 650



### 8 IN / 8 OUT (Universal)

LioN-Link I/O module with 8 digital I/O channels, channels can be used universally as inputs or outputs, M8 sockets (8x), 3 poles, M12 actuator supply






### Bit Assignment

Bit	7	6	5	4	3	2	1	0
<b>M8 Input</b>								
Byte 0	8	7	6	5	4	3	2	1
<b>M8 Output</b>								
Byte 0	8	7	6	5	4	3	2	1

### Diagnostic Indication

LED	Indication	Condition
1...8	yellow	channel status
1...8	red	periphery faults (actuator short circuit/overload)
I/O	red red flashing green	wrong configuration / module exchanged not recognized by the BusHead online, communication with BusHead
Us	green	sensor/system power supply
Ul	green	actuator power supply
DIA	red	common indication for periphery faults

### Pin Assignment

Bus connection M12	Actuator/sensor connection M8	Actuator supply M12
 <p>1 = Drain 2 = 24 V Sensor/System 3 = 0 V Sensor/System 4 = Data + 5 = Data -</p>	 <p>1 = +24 V 3 = 0 V 4 = In /Out</p>	 <p>1 = +24 V 2 = n.c. 3 = GND (0 V) 4 = n.c. 5 = Earth</p>



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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

**Us**  
 Voltage range min. (USystem – 1.5 V)  
 Sensor current 700 mA/module  
 Short circuit proof yes  
 Indication LED green

#### Input wiring

**Type 3 acc. to IEC 61131-2**  
 Rated input voltage 24 V DC  
 Channel type N.O. p-switching  
 Number of digital channels max. 8  
 Channel status indicator LED yellow per channel  
 Diagnostic indication LED red per channel

#### Output power supply

**UL**  
 Rated voltage 24 V DC  
 Voltage range 19–30 V DC  
 Reverse polarity protection yes/antiparallel diode  
 Indication LED green

#### Output wiring

Rated output current 0.5 A per channel  
 Short circuit proof yes  
 Max. output current 4 A per module  
 Overload proof yes  
 Number of digital channels max. 8  
 Channel type N.O. p-switching  
 Channel status indicator LED yellow per channel  
 Diagnostic indication LED red per channel

#### Included in

**delivery/accessories** Dust covers M12, attachable labels

#### Diagnostic

Periphery fault diagnosis for sensor short circuit, actuator short circuit, sensor low voltage detection

### Part Number

0942 UEM 650



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

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