



# lumbergautomation

A **BELDEN** BRAND

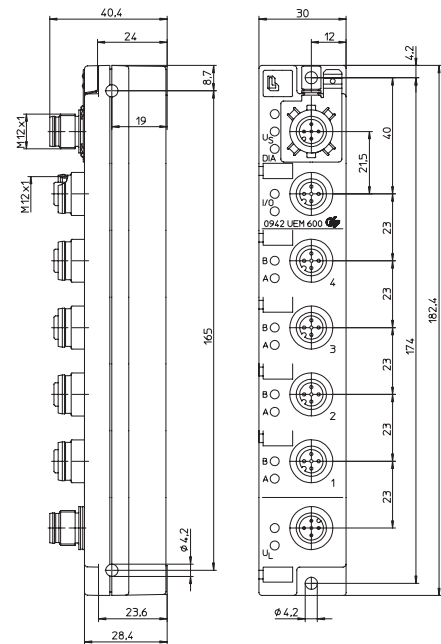
## LioN-Link I/O Module with 8 Digital Inputs and Outputs

0942 UEM 600



### 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, M12 sockets (4 x), 5 poles, M12 actuator supply



### Bit Assignment

Bit	7	6	5	4	3	2	1	0
<b>M12 Input</b>								
Byte 0	4B	4A	3B	3A	2B	2A	1B	1A
<b>M12 Output</b>								
Byte 0	4B	4A	3B	3A	2B	2A	1B	1A

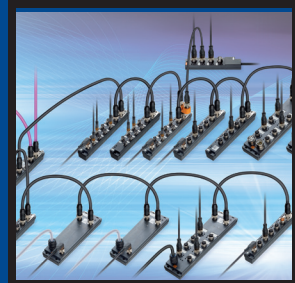
### Diagnostic Indication

LED	Indication	Condition
1...4 A/B	yellow	channel status
1...4 A/B	red	periphery fault
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 M12	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 2 = In / Out B 3 = 0 V 4 = In / Out A 5 = Earth</p>	<p>1 = +24 V 2 = n.c. 3 = GND (0 V) 4 = n.c. 5 = Earth</p>

Be Certain with Belden



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

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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

#### System/sensors

##### power supply

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

##### Input power supply

Voltage range	Us
Sensor current	min. (U <sub>System</sub> – 1.5 V)
Short circuit proof	700 mA/module
Indication	yes
	LED green

##### Input wiring

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

##### Output power supply

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

#### Output wiring

Rated output current	1.6 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
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### Diagnostic

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

### Part Number

0942 UEM 600



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

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