

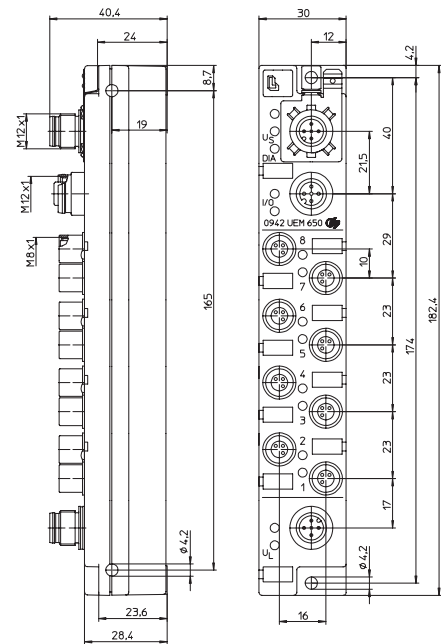
LioN-Link I/O Module with 8 Digital Inputs and Outputs

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
M8 Input								
Byte 0	8	7	6	5	4	3	2	1
M8 Output								
Byte 0	8	7	6	5	4	3	2	1

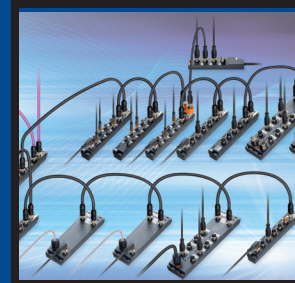
Diagnostic Indication

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>

Be Certain with Belden



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

0942 UEM 650

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

Input wiring

Rated input voltage	Type 3 acc. to IEC 61131-2 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

Rated voltage	UL 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.