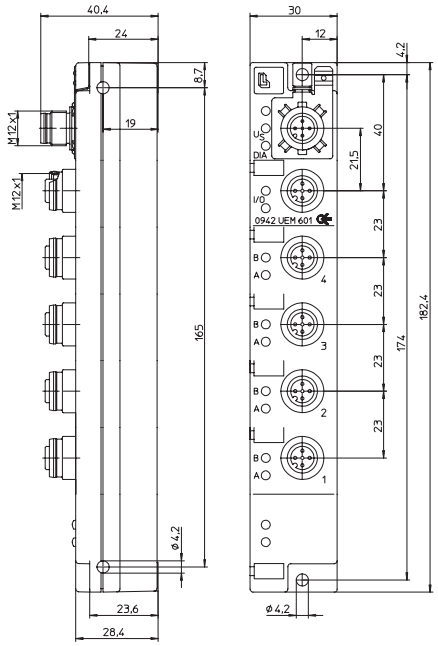
lumbergautomation
A BELDEN BRAND

LioN-Link I/O Module with 8 Digital Inputs

0942 UEM 601

8 IN

LioN-Link I/O module with 8 digital inputs to connect standard sensors, M12 sockets (4 x), 5 poles



Bit Assignment

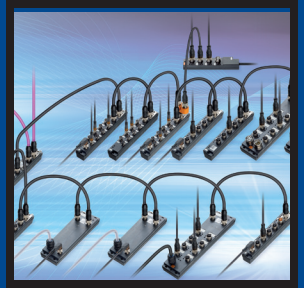
Bit	7	6	5	4	3	2	1	0
	M12 Input							
Byte 0	4B	4A	3B	3A	2B	2A	1B	1A

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
DIA	red	common indication for periphery faults

Pin Assignment

Bus connection M12	Actuator/sensor connection M12
 1 = Drain 2 = 24 V Sensor/System 3 = 0 V Sensor/System 4 = Data + 5 = Data -	 1 = +24 V 2 = In B 3 = GND (0 V) 4 = In A 5 = Earth



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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	**Us**
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. (U_{System} – 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
Included in	
delivery/accessories	Dust covers M12, attachable labels

Diagnostic

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

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