

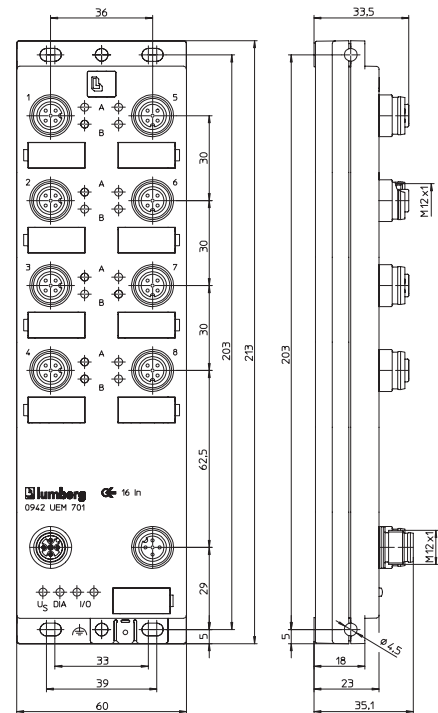
LioN-Link I/O Module with 16 Digital Inputs

0942 UEM 701



16 IN

LioN-Link I/O module with 16 digital inputs to connect standard sensors, M12 sockets (8 x), 5 poles.





Bit Assignment

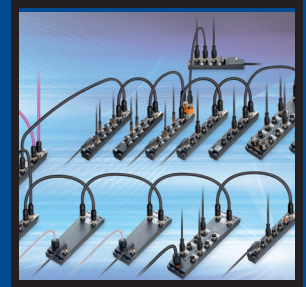
Bit	7	6	5	4	3	2	1	0
M12 Input								
Byte 0	4B	4A	3B	3A	2B	2A	1B	1A
Byte 1	8B	8A	7B	7A	6B	6A	5B	5A

Diagnostic Indication

LED	Indication	Condition
1...8 A/B	yellow	channel status
1...8	red	periphery faults (actuator short circuit/overload)
I/O	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

LioN-Link connection M12	Actuator/sensor connection M12
 <ul style="list-style-type: none"> 1 = Drain 2 = 24 V Sensor/System 3 = 0 V Sensor/System 4 = Data + 5 = Data - 	 <ul style="list-style-type: none"> 1 = +24 V 2 = In /Out B 3 = 0 V 4 = In / Out 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 275 g
Housing material PBT

System/sensors

power supply Us
Rated voltage 24 V DC
Voltage range 19–30 V DC
Power consumption typ. 100 mA

Input power supply

Us
Voltage range min. (U_{System} – 1.5 V)
Sensor current 700 mA
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. 16
Channel status indicator LED yellow per channel

Diagnostic

Periphery fault diagnosis for sensor short circuit, actuator short circuit, 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.