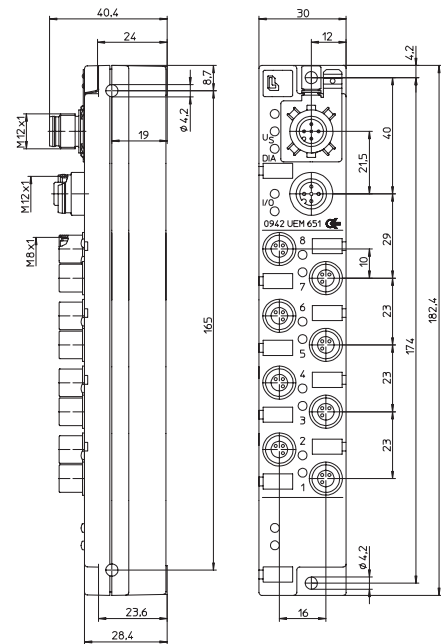# LioN-Link I/O Module with 8 Digital Inputs

0942 UEM 651

8 IN

LioN-Link I/O module with 8 digital inputs
to connect standard sensors, M8 sockets (8 x),
3 poles

Bit Assignment

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

Diagnostic Indication

LED	Indication	Condition
1...8	yellow	channel status
1...8	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 M8
1 = Drain 2 = 24 V Sensor/System 3 = 0 V Sensor/System 4 = Data + 5 = Data -	1 = +24 V 3 = 0 V 4 = In /Out
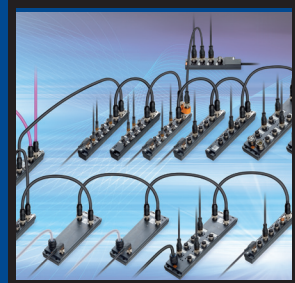
LioN-Link I/O Module with 8 Digital Inputs
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Technical Data

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   **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, sensor low
voltage detection

Part Number
0942 UEM 651

Mouser Electronics

Authorized Distributor

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