

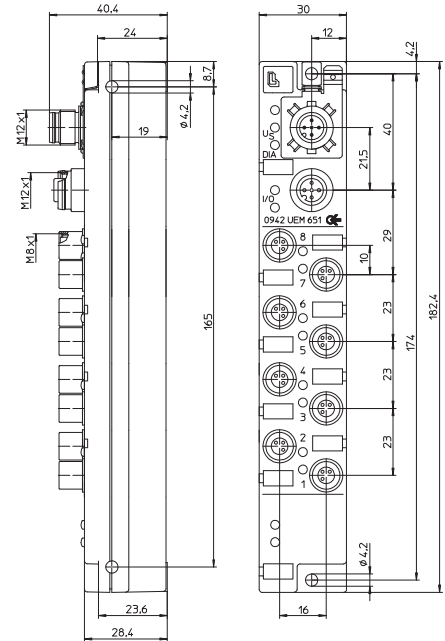
LioN-Link I/O Module with 8 Digital Inputs

0942 UEM 651



8 IN

LioN-Link I/O module with 8 digital inputs to connect standard sensors, M8 sockets (8x), 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
U _s	green	sensor / system power supply
DIA	red	common indication for periphery faults

Pin Assignment

LioN-Link 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

Technical Data

Degree of protection	IP 67
Operating temperature range	-10°C/+60°C
Weight	175 g
Housing material	PBT

System/sensors

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

Input power supply

U_S	
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
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Diagnostic

Periphery fault diagnosis for sensor short circuit, sensor low voltage detection

Designation

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