



lumbergautomation

A **BELDEN** BRAND

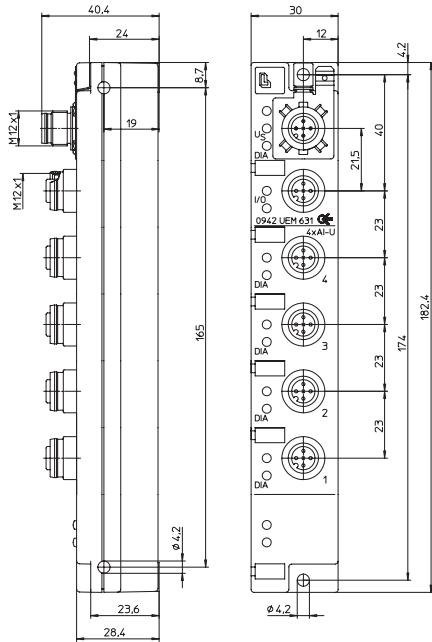
0942 UEM 631



LioN-Link I/O Module with 4 Analog Inputs

4 IN

LioN-Link I/O module with 4 analog inputs 0–10 V to connect standard sensors, M12 sockets (4x), 5 poles



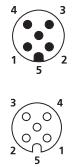
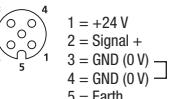
Bit Assignment

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

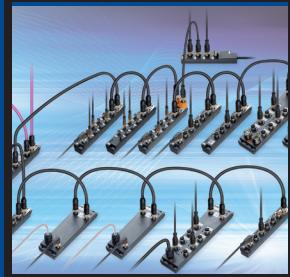
Diagnostic Indication

LED	Indication	Condition
1...4	yellow	channel status
1...4 DIA	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	Sensor connection M12
 1 = Drain 2 = +24 V 3 = GND (0 V) 4 = Data + 5 = Data -	 1 = +24 V 2 = Signal + 3 = GND (0 V) 4 = GND (0 V) 5 = Earth

Be Certain with Belden



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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

Input power supply

Voltage range 24 V DC
Sensor current 700 mA/module
Short circuit proof yes
Power consumption system: typ. 50 mA

Input wiring

Measurement signal 0-10 V
Resolution 12 bit + sign
Measuring fault (full measuring range) ±1.2%
Temperature fault (full measuring range) ±0.01%/K
Output formats Siemens S7
Input impedance 20 kΩ
Conversion time typ. 25 ms per channel
Potential separation channel/channel no
Potential separation power/channel no
Number of analog channels max. 4
Channel status indicator LED yellow: channel active

Module diagnostic

Indication Module status Sensor short circuit
LED red/green (I/O)

Channel diagnostic

Indication LED red (DIA)

GSD configuration

Module way Resolution 12 bit, 10 bit (Conversion time ≤3 ms/module)
Channel way Channel on/off, Diagnostic on /off

Included in delivery/accessories

Dust covers M12, attachable labels

Part Number

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