

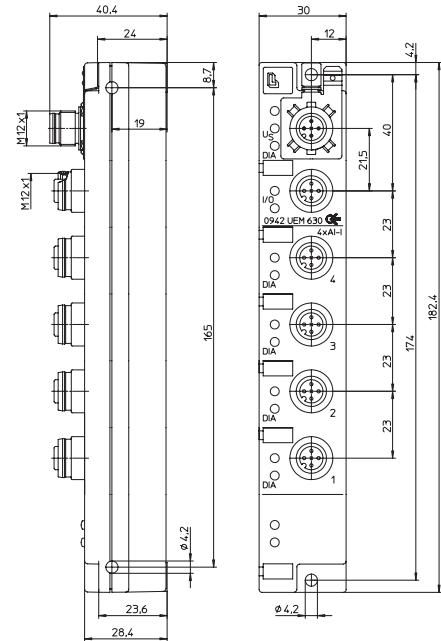
LioN-Link I/O Module with 4 Analog Inputs

0942 UEM 630



4 IN

LioN-Link I/O module with 4 analog inputs
0(4)–20 mA 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



LioN-Link I/O Module with 4 Analog Inputs

0942 UEM 630

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

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

Input wiring

Measurement signal	(0)4–20 mA
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	≤400 Ω
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

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

Channel diagnostic

0–20 mA	Overload at current measurement
4–20 mA	Overload at current measurement/Underflow/Broken wire
Indication	LED red (DIA)

GSD configuration

Module way Resolution	12 bit, 10 bit (Conversion time ≤3 ms/module)
Channel way	Measuring range 0–20 mA or 4–20 mA Broken wire (only 4–20 mA), Channel on/off, Diagnostic on /off

Included in

delivery/accessories	Dust covers M12, attachable labels
----------------------	------------------------------------

Part Number

0942 UEM 630



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Lumberg Automation:](#)

[0942 UEM 630](#)