



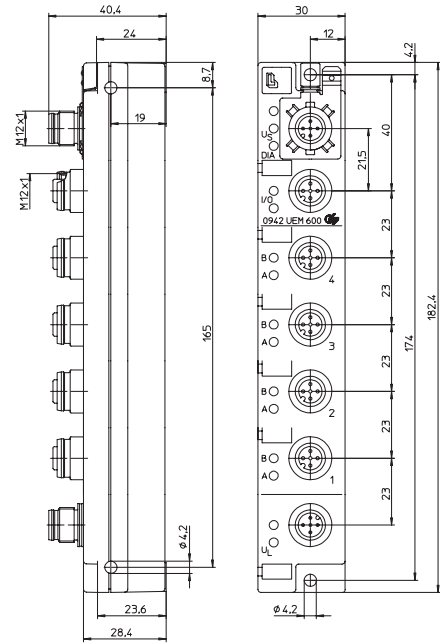
LioN-Link I/O Module with 8 Digital Inputs and Outputs

0942 UEM 600



8 IN / 8 OUT (Universal)

LioN-Link I/O module with 8 digital I/O channels, channels can be used universally as inputs or outputs, M12 sockets (4 x), 5 poles, M12 actuator supply



Bit Assignment

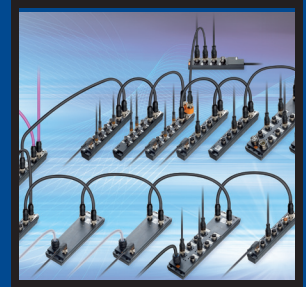
Bit	7	6	5	4	3	2	1	0
M12 Input								
Byte 0	4B	4A	3B	3A	2B	2A	1B	1A
M12 Output								
Byte 0	4B	4A	3B	3A	2B	2A	1B	1A

Diagnostic Indication

LED	Indication	Condition
1...4 A/B	yellow	channel status
1...4 A/B	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
Ul	green	actuator power supply
DIA	red	common indication for periphery faults

Pin Assignment

Bus connection M12	Actuator/sensor connection M12	Actuator supply 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 	<ul style="list-style-type: none"> 1 = +24 V 2 = n.c. 3 = GND (0 V) 4 = n.c. 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 200 g
 Housing material PBT

System/sensors

power supply
 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

Output power supply

Ul
 Rated voltage 24 V DC
 Voltage range 19–30 V DC
 Reverse polarity protection yes/antiparallel diode
 Indication LED green

Output wiring

Rated output current 1.6 A per channel
 Short circuit proof yes
 Max. output current 4 A per module
 Overload proof yes
 Number of digital channels max. 8
 Channel type N.O. p-switching
 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, actuator short circuit /channel, sensor low voltage detection

Part Number

0942 UEM 600



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