

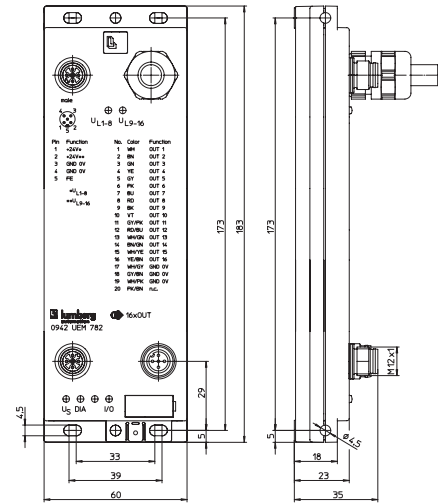
## LioN-Link I/O Module with 16 Digital Outputs

0942 UEM 782



### 16 OUT

LioN-Link I/O module with 16 digital outputs, multipole cable interface to connect valve terminals, manual tool changing devices, IP20 terminal boxes.



### Bit Assignment

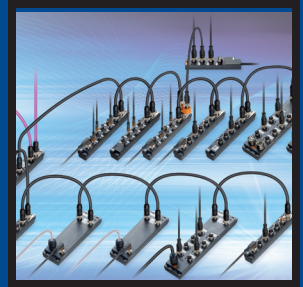
Bit	7	6	5	4	3	2	1	0
<b>M12 Output</b>								
<b>Byte 0</b>	RD	BU	PK	GY	YE	GN	BN	WH
<b>Byte 1</b>	YE/BN	WH/YE	BN/GN	WH/GN	RD/BU	GY/PK	VT	BK

### Diagnostic Indication

LED	Indication	Condition
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

LioN-Link connection M12	Actuator connection M12
<ul style="list-style-type: none"> <li>1 = Drain</li> <li>2 = 24 V Sensor/System</li> <li>3 = 0 V Sensor/System</li> <li>4 = Data +</li> <li>5 = Data -</li> </ul>	<ul style="list-style-type: none"> <li>1 = +24 V (Ul 1-8)</li> <li>2 = +24 V (Ul 9-16)</li> <li>3 = GND (0 V)</li> <li>4 = GND (0 V)</li> <li>5 = Earth</li> </ul>



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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 320 g (with 1 m cable)  
Housing material PBT

#### System/sensors

**power supply** **Us**  
Rated voltage 24 V DC  
Voltage range 19–30 V DC  
Power consumption 40 mA

#### 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 0.5 A per channel  
Short circuit proof yes  
Max. output current 6 A (3 A per group)  
Group 1 Channel 1–8  
Group 2 Channel 9–16  
Overload proof yes  
Number of digital channels max. 16  
Channel type N.O. p-switching

### Diagnostic

Periphery fault diagnosis for actuator short circuit.

#### Part Number

0942 UEM 782/1 M



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