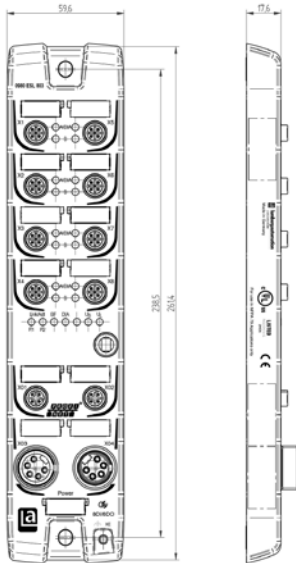



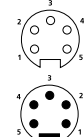

## LioN-R PROFINET I/O Rugged Modules with 8 Digital Inputs and 8 Digital Outputs



<b>Type</b>	0980 ESL 803-PNET 8DI/8DO-M12-R	
<b>Product Description</b>	LioN-R Digital I/O module, 8 digital I/O channels with galvanic separation, PROFINET device, M12 LAN port, 4 poles D-coded, 7/8" power supply 5 poles	
<b>Order Number</b>	934 692-003	
<b>Diagnostic indication</b>		
<b>LED</b>	<b>Indication</b>	<b>Condition</b>
Us	Green	Logic/sensor power supply
Ul	Green	Actuator power supply
1...8 A	Yellow	Channel status
1...8 DIA A	Red	Periphery error
1...8 B	Yellow	Channel status
1...8 DIA B	Red	Periphery error
P1 Lnk/Act	Green Yellow flashing Off	Connection to an PROFINET device IO device exchanging data No connection to any other device
P2 Lnk/Act	Green Yellow flashing Off	Connection to an PROFINET device IO device exchanging data No connection to any other device
BF	Red Off	Bus error, no data exchange with I/O controller via PROFINET No error message
DIA	Red Red flashing Off	Common indicator for periphery errors Firmware update No error message

Technical modifications reserved.

Bit assignment								
Bit	7	6	5	4	3	2	1	0
<b>M12 Input 8DI</b>								
Byte 0	4B	4A	3B	3A	2B	2A	1B	1A
<b>M12 Input 8DO</b>								
Byte 0	8B	8A	7B	7A	6B	6A	5B	5A


Pin assignment		
<b>LAN connection M12, D-coded</b>  <ul style="list-style-type: none"> <li>1 = TD+</li> <li>2 = RD+</li> <li>3 = TD-</li> <li>4 = RD</li> </ul> Housing = shielding	<b>Power supply 7/8"</b>  <ul style="list-style-type: none"> <li>1 = GND (0 V)</li> <li>2 = GND (0 V)</li> <li>3 = PE/Earth</li> <li>4 = 24 V</li> <li>5 = 24 V</li> </ul>	<b>Input/Output M12</b>  <ul style="list-style-type: none"> <li>1 = +24 V</li> <li>2 = IN B</li> <li>3 = GND (0 V)</li> <li>4 = IN A</li> <li>5 = earth</li> </ul> Housing = PE

<b>Part number</b>	<b>Order number</b>
0980 ESL 803-PNET 8DI/8DO-M12-R	934 692-003





## LioN-R PROFINET I/O Rugged Modules with 8 Digital Inputs and 8 Digital Outputs

Product Description	
Type	0980 ESL 813-EIP 8DI/8DO-M12-R
	
Technical Data	
Protection Class	IP67
Operating Temperature Range	-10°C to +60°C
Weight	605 g
Housing Material	Metal (diecast zinc)
Bus System	
Transmission Rate	10/100 Mbs
Address Range	0 to 255
Default Address	0
Inputs	
Rated Input Voltage	24 V DC
Sensor Type	PNP (source)
Power Consumption of Sensor	Max. 100 mA
Reverse Polarity Protection	Yes
Short Circuit-proof	Yes
Number of Digital Channels	8
Status Indicator	LED white per channel
Diagnostic Indicator	LED red per port
Actuator Power Supply UL	
Rated Output Current	24 V DC
Voltage Range	19 to 30 V DC
Reverse Polarity Protection	Yes/antiparallel diode
Indicator	LED green
Outputs	
Rated Output Current	1.6 A per channel
Short Circuit-proof	Yes
Max. Current Carrying Capacity	9 A per module
Overload-proof	Yes
Number of Digital Channels	8
Channel Type N.O.	p-switching
Status Indicator	LED white per channel
Diagnostic Indicator	LED red per port
Galvanic Isolation from Electronics	Yes
Included in Delivery	
M12 Dust Covers	4 pieces
Attachable Labels	10 pieces

The use of these products in aggressive media should be verified in each case. Technical modifications reserved. Certifications have been applied for UL and CSA.