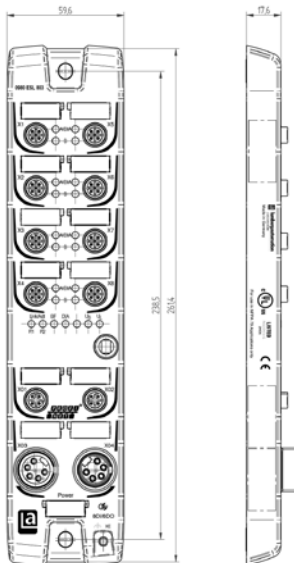





Lio-R PROFINET I/O Rugged Modules with 8 Digital Inputs and 8 Digital Outputs



Type	0980 ESL 803-PNET 8DI/8DO-M12-R	
Product Description	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	
Order Number	934 692-003	
Diagnostic indication		
LED	Indication	Condition
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
M12 Input 8DI								
Byte 0	4B	4A	3B	3A	2B	2A	1B	1A
M12 Input 8DO								
Byte 0	8B	8A	7B	7A	6B	6A	5B	5A


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

Part number	Order number					
0980 ESL 803-PNET 8DI/8DO-M12-R	934 692-003	CSA	UL	IP67	IP68	IP69K

Be Certain with Belden



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 Mbps
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.

Mouser Electronics

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