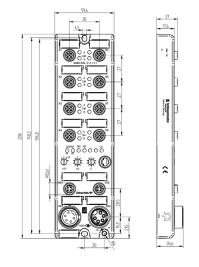
LioN-Power Active I/O M12, 7/8" Power, EtherNet/IP, 16DI





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Туре	0980 ESL 311-111	0980 ESL 311-111		
Product Description		LioN-P EtherNet/IP device, 16 digital input channels, M12 LAN connection, 4-poles D-coded, 7/8" power supply, 5-poles		
Diagnostic indiction				
LED	Indication	Condition		
18 A	Yellow	Channel status		
18 DIA A	Red	Peripheral fault		
18 B	White	Channel status		
18 DIA B	Red	Peripheral fault		
	Green	Connection to an Ethernet subscriber		
P1 Lnk/Act	Green blinking	IO device is in data exchange		
	Off	No connection to another subscriber		
	Green	Connection to an Ethernet subscriber		
P2 Lnk/Act	Yellow blinking	IO device is in data exchange		
	Off	No connection to another subscriber		
	Green	Module is ready		
	Green blinking	Incorrect Configuration		
MS (Module Status)	Red-Green blinking	Self-test is carried out		
	Red blinking	Firmware update		
	Off	Device is switched off		
	Green blinking	IP address present		
	Green	Connection to master is present		
	Red	At least one connection has timed out		
NS (Network Status)	Red blinking	IP address is already used by another device		
	Red-Green blinking	Self-test is carried out		
	Off	Device is switched off		
U _s	Green	Voltage 19V <=U _s <= 30V		
3	Red	U _s Voltage < 19V or U _s > 30V		

Bit assignment									
Bit	7	6	5	4	3	2	1	0	
Input Data: 16DI									
Byte 0	4B	4A	3B	3A	2B	2A	1B	1A	
Byte 1	8B	8A	7B	7A	6B	6A	5B	5A	

M12 I/O port, A-coded

1 = +24V2 = In B3 = GND 0V 4 = In A 5 = FE Power supply 7/8"



1 = GND UL 2 = GND 0V 3 = FE 4 = +24V

M12 EtherNet/IP, D-coded



Part number Order number 0980 ESL 311-111 934880001

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LioN-Power Active I/O M12, 7/8" Power, EtherNet/IP, 16DI

Technical Data				
Environmental Temperature	-20° C to +70° C (Operation)			
Housing Material	Metal Zinc Die-cast			
Contact Bearer	PA/TPU			
Contact	M12 A, D-coded CuSn, Gold-plated 7/8" CuZn, Gold-plated			
0-ring	FKM			
Mechanical Data				
Weight	520 g			
Protection Class (IEC 60529)	IP65, IP67 (only if mounted and locked in combination with Hirschmann/Lumberg connector)			
Module Supply				
Rated Voltage	24V DC			
Voltage Range	19 to 30V DC			
Nominal Current	9 A			
Connection Type	7/8" power connector, 5 poles			
Number	2			
Bus-System				
Network	EtherNet/IP			
Transmission Rate	10/100 Mbit/s			
Address Range	0 to 255			
Connection Type	M12 LAN connection, 4 poles, D-coded			
Number	2			
Inputs				
Number of Digital Channels	16			
Туре	Type 3 acc. IEC 61131-2			
Sensor Type	PNP			
Status Indicator	LED white or yellow per channel			
Diagnostic Indicator	LED red per port			
Sensor Current Supply	200 mA per port			

The application of these products in harsh environments should always be checked before use.

Specifications subject to alteration.

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Lumberg Automation: 0980 ESL 311-111