





Product information
0980 ESL 701
109629

Name		0980 ESL 701
		 
		PROFINET IO device with 16 digital input channels, M12 sockets, M12 LAN-Ports, D-coded, 7/8" power supply
Delivery informations		
Availability		available
Product description		
Type		0980 ESL 701
Order No.		109629
Description		PROFINET IO device with 16 digital input channels, M12 sockets, M12 LAN-Ports, D-coded, 7/8" power supply
Note		The application of these products in harsh environments should always be checked before use. Specifications subject to alteration.
Color of housing		black
Product characteristics		Vibration resistance, Oil resistance
Classification		
Belden class		I/O Modules with Digital Inputs (DI)
Belden brand		Lumberg-Automation
Mechanical data		
Weight		380 g
Dimensions (W x H x D)		60 mm x 243 mm x 39.5 mm
Environmental conditions		
Environmental temperature		-10 °C ... 60 °C
Degree of protection (IP), mounted		IP67
Materials		
Housing material / Molded body		PBT
Approvals		
RoHS 2002/95/EG compliant		yes
Bus system		
Fieldbus system		PROFINET IO
Bus Connection		M12, D coded
Number of contacts		4
Transmission rate		10/100 Mbps
Transmission method		100BASE-TX
System power supply		
Nominal voltage (System power supply)		24 V DC
Voltage range DC (System power supply)		19 V ... 30 V
Power consumption (System power supply)		typ. 100 mA
Reverse polarity protection (System power supply)		Yes
Operating Indication (System power supply)		LED green
Connection (System power supply)		7/8", 5-pole
Sensors power supply		
Sensors power supply		U _S
Voltage range (Sensor power supply)		min. (U _{System} = 1.5 V)
Sensor current (at TU30°C) (Sensor power supply)		200 mA per M12 female connector
Short-circuit proof (Sensor power supply)		Yes
Indication (Sensor power supply)		LED green
Inputs		
Input wiring		Type 3, IEC 61131-3
Number of channels (Inputs)		16

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.



Channel type (Inputs)	N.O., p-switching
Nominal input voltage	24 V DC
Channel status indicator (Inputs)	LED yellow per channel
Diagnostic indication (Inputs)	LED red per socket
Scope of delivery and accessories	
Scope of delivery	Dust covers M12 - 4 pieces, Attachable labels - 10 pieces

[Picture](#)

[Drawing](#)

