



**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	
<b>Delivery informations</b>		
Availability	available	
<b>Product description</b>		
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	
<b>Classification</b>		
Belden class	I/O Modules with Digital Inputs (DI)	
Belden brand	Lumberg-Automation	
<b>Mechanical data</b>		
Weight	380 g	
Dimensions (W x H x D)	60 mm x 243 mm x 39.5 mm	
<b>Environmental conditions</b>		
Environmental temperature	-10 °C ... 60 °C	
Degree of protection (IP), mounted	IP67	
<b>Materials</b>		
Housing material / Molded body	PBT	
<b>Approvals</b>		
RoHS 2002/95/EG compliant	yes	
<b>Bus system</b>		
Fieldbus system	PROFINET IO	
Bus Connection	M12, D coded	
Number of contacts	4	
Transmission rate	10/100 Mbps	
Transmission method	100BASE-TX	
<b>System power supply</b>		
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	
<b>Sensors power supply</b>		
Sensors power supply	U <sub>S</sub>	
Voltage range (Sensor power supply)	min. (U <sub>System</sub> = 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	
<b>Inputs</b>		
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.

