



**Product information**  
**0970 PSL 701**  
**75848**

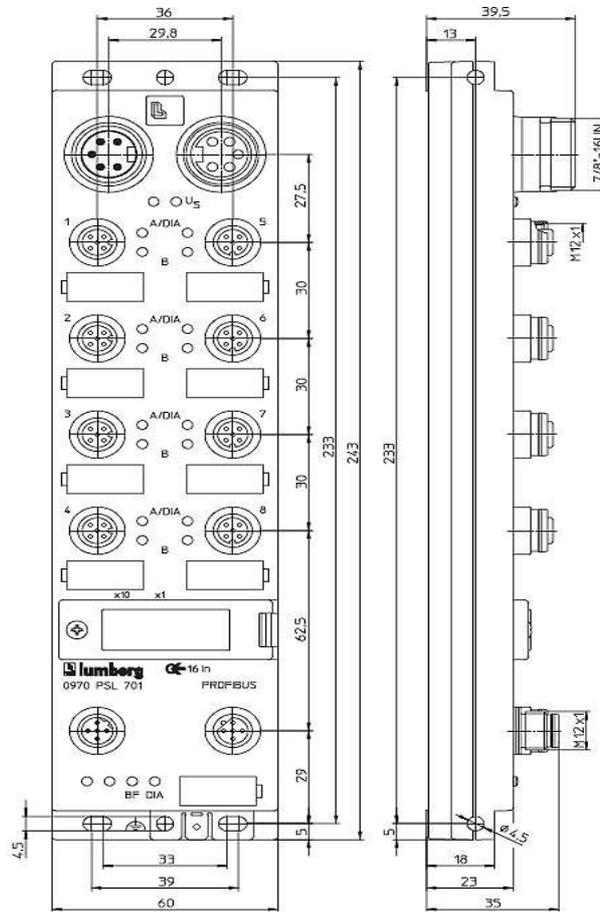
Name	
Name	0970 PSL 701
	
	Profibus-DP device with 16 digital inputs to connect standard sensors, combined FIXCON/ M12 socket, rotary switches for addressing, M12 bus connection, 7/8" power supply.
Delivery informations	
Availability	available
Product description	
Type	0970 PSL 701
Order No.	75848
Description	Profibus-DP device with 16 digital inputs to connect standard sensors, combined FIXCON/ M12 socket, rotary switches for addressing, M12 bus connection, 7/8" power supply.
Diagnostics	Module diagnostic and single channel diagnostic according to Profibus specification (please see operating instructions under <a href="http://www.lumberg-automation.com/downloads">www.lumberg-automation.com/downloads</a> ).
Note	The application of these products in harsh environments should always be checked before use.
Color of housing	black
Product characteristics	Oil resistance, Vibration 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	
Approvals	UL
Bus system	
Fieldbus system	Profibus DP
Bus Connection	M12
Device Identification	09CA hex
Transmission rate	12 MBd
Address range	1 dec. ... 125 dec.
Rotary address switches	1 dec. ... 99 dec.
Default address	99 dec.
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)	120 mA
Reverse polarity protection (System power supply)	Yes
Sensors power supply	
Sensors power supply	U <sub>S</sub>
Voltage range (Sensor power supply)	min. (U <sub>System</sub> -1.5V)
Sensor current (at TU30°C) (Sensor power supply)	200 per socket mA
Short-circuit proof (Sensor power supply)	Yes

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.



Indication (Sensor power supply)	LED green
<b>Inputs</b>	
Input wiring	Type 3 acc. to IEC 61131-2
Signal type (Inputs)	Digital Inputs
Number of channels (Inputs)	16
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
<b>Scope of delivery and accessories</b>	
Scope of delivery	Dust covers M12 - 4 pieces, Attachable labels - 10 pieces
<b>Picture</b>	

**Drawing**



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