

Product information 0970 PSL 701

Industrial Connecting Colutional / O Madulant / O Mad	hulas Astin. Claud Alama Perfitual / O Medulas with Digital Inputs (DIVID70 DCI 704	
Industrial Connecting Solutions:I/O Modules:I/O Modules Activ - Stand Alone:Profibus:I/O Modules with Digital Inputs (DI):0970 PSL 701		
https://www.e-catalog.beldensolutions.com:443/link/57078-2	24228-255441-219791-219793-220043-220193/en/conf/uistate	
Name	0970 PSL 701	
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	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		
Туре	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 www.umberg-automation.com/downloads).	
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 Indentification	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	Laura	
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 _S	
Voltage range (Sensor power supply)	min. (U _{System} -1.5V)	
Sensor current (at TU30°C) (Sensor power supply)	200 per socket mA	
Short-circuit proof (Sensor power supply)	Yes	





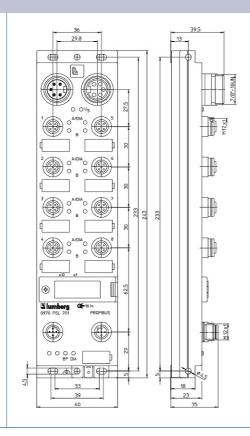
- Stand Alone:Profibus:I/O Modules with Digital Inputs (DI):0970 PSL 701

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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 Scope of delivery and accessories			
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Signal type (Inputs) Digital Inputs Number of channels (Inputs) 16 Channel type (Inputs) No, 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	Inputs		
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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	Signal type (Inputs)	Digital Inputs	
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	Number of channels (Inputs)	16	
Channel status indicator (Inputs) Diagnostic indication (Inputs) LED yellow per channel LED red per socket Scope of delivery and accessories	Channel type (Inputs)	N.O., p-switching	
Diagnostic indication (inputs) Scope of delivery and accessories LED red per socket	Nominal input voltage	24 V DC	
Scope of delivery and accessories	Channel status indicator (Inputs)	LED yellow per channel	
	Diagnostic indication (inputs)	LED red per socket	
Scope of delivery Dust covers M12 - 4 pieces, Attachable labels - 10 pieces	Scope of delivery and accessories		
	Scope of delivery	Dust covers M12 - 4 pieces, Attachable labels - 10 pieces	

Picture

Drawing



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