


## Product information

### 0930 DSL 700

Industrial Connecting Solutions:I/O Modules:I/O Modules Activ - Stand Alone:DeviceNet:I/O Modules with Digital Inputs and Outputs (DIO) universal:0930 DSL 700

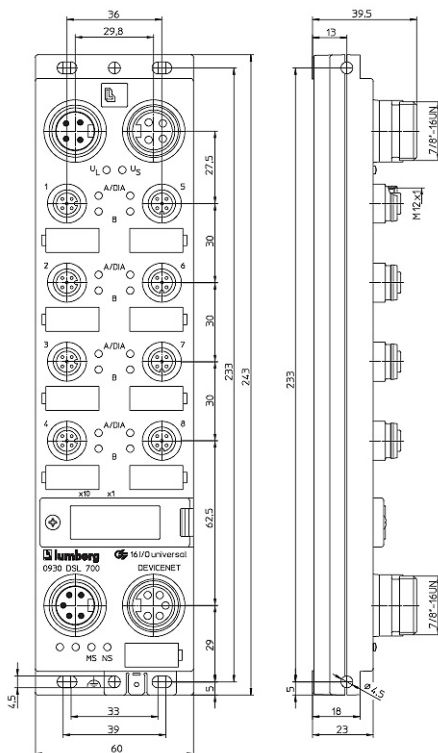
<https://www.e-catalog.beldensolutions.com:443/link/57078-24228-255441-219791-247468-247472-247842/en/conf/uistate>

Name	0930 DSL 700
	
	DeviceNet™ device with 16 digital I/O channels, channels can be used universally as inputs or outputs, combined FIXCON/M12 socket, rotary switches for addressing, 7/8" bus connection, 7/8" power supply
<b>Delivery informations</b>	
Availability	available
<b>Product description</b>	
Type	0930 DSL 700
Order No.	75849
Description	DeviceNet™ device with 16 digital I/O channels, channels can be used universally as inputs or outputs, combined FIXCON/M12 socket, rotary switches for addressing, 7/8" bus connection, 7/8" power supply
Diagnostics	The diagnostic message via the fieldbus provided by the DeviceNet™ modules of the brand Lumberg Automation™, consists of an additional input byte, which is appended to the standard input process data. Depending on the particular module, the diagnostics is sent module- or slot-based. It is generated when an overload, actuator low voltage or actuator short circuit is detected. In addition, the corresponding LEDs simplify the troubleshooting.
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	Oil resistance, Vibration resistance
<b>Classification</b>	
Belden class	I/O Modules with Digital Inputs and Outputs (DI/DO) universal
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>	
Approvals	UL
<b>Bus system</b>	
Fieldbus system	DeviceNet
Bus Connection	7/8"
Transmission rate	max. 500 kbit/s
Address range	0 dec. ... 63 dec.
Rotary address switches	0 dec. ... 63 dec.
Default address	63 dec.
<b>System power supply</b>	
Nominal voltage (System power supply)	24 V DC
Voltage range DC (System power supply)	11 V ... 30 V
Power consumption (System power supply)	90 mA
Reverse polarity protection (System power supply)	Yes
<b>Sensors power supply</b>	
Sensors power supply	U <sub>S</sub>
Voltage range (Sensor power supply)	19 - 30 V
Sensor current (at TU30°C) (Sensor power supply)	per socket 200 mA
Short-circuit proof (Sensor power supply)	Yes

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Indication (Sensor power supply)	LED green
<b>Actuator power supply</b>	
Actuator power supply	U <sub>L</sub>
Nominal voltage (Actuator power supply)	24 V DC
Voltage range (Output power supply)	19 V ... 30 V
Reverse polarity protection (Output power supply)	Yes
Indication (Output 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>Outputs</b>	
Signal type (Outputs)	Digital Outputs
Number of channels (Outputs)	16
Channel type (Outputs)	N.O., p-switching
Nominal output current per channel	1.6 A
Short-circuit proof (Outputs)	Yes
Max. output current per module (Outputs)	9 A (12 A*) per module, *Test proven and approved under the following conditions: 1. looped through System/Sensor power supply max. 2,5 A, 2. Power supply cable STL 204 (5 x 1.00 mm <sup>2</sup> , 3. Operating temperature range max. 40°C
Overload-proof (Outputs)	Yes
Channel status indicator (Outputs)	LED yellow per channel
Diagnostic indication (outputs)	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>	
<b>Drawing</b>	



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