



Product information
0930 DSL 109
29796

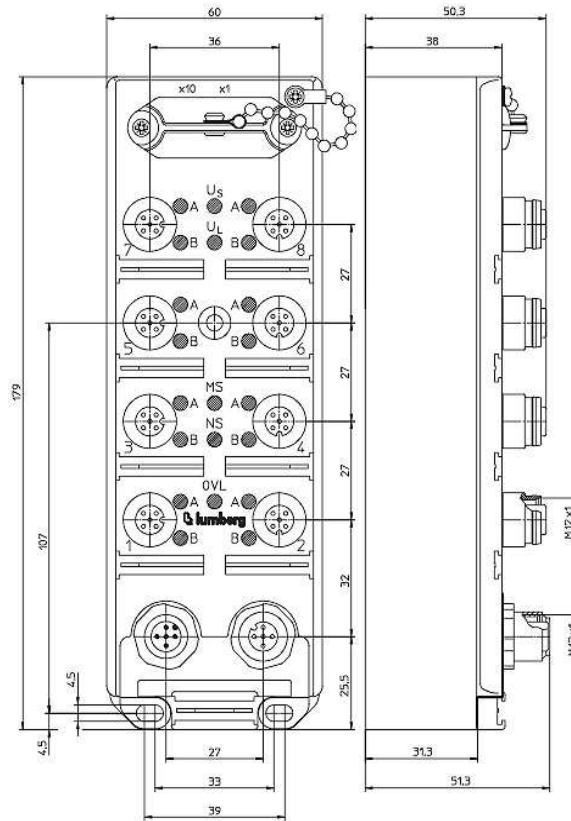
Name	
Name	0930 DSL 109
	
	DeviceNet™ device with 16 digital inputs (n-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for addressing, M12 bus connection
Delivery informations	
Availability	available
Product description	
Type	0930 DSL 109
Order No.	29796
Description	DeviceNet™ device with 16 digital inputs (n-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for addressing, M12 bus connection
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	orange
Product characteristics	Oil resistance, EMC resistance, Vibration resistance
Classification	
Belden class	I/O Modules with Digital Inputs (DI)
Belden brand	Lumberg-Automation
Mechanical data	
Weight	570 g
Dimensions (W x H x D)	60 mm x 179 mm x 51.3 mm
Environmental conditions	
Environmental temperature	0 °C ... 60 °C
Degree of protection (IP), mounted	IP67
Materials	
Housing material / Molded body	PUR
Bus system	
Fieldbus system	DeviceNet
Bus Connection	M12
Autobaud	Yes
Transmission rate	max. 500 kbit/s
Address range	0 dec. ... 63 dec.
Rotary address switches	0 dec. ... 63 dec.
Default address	63 dec.
Communication modes	Polled I/O message connection, Change of state/ cyclic message connection, Explicit message connection
Supply Fieldbus Interface	
Supply Fieldbus Interface	U _L
Nominal voltage (Supply Fieldbus Interface)	24 V DC
Voltage range (Supply Fieldbus Interface)	11 - 30 V DC
Current consumption (Supply Fieldbus Interface)	max. 80 mA
Reverse polarity protection (Supply Fieldbus Interface)	Yes
Function Indicator (Supply Fieldbus Interface)	LED green
Sensors power supply	
Sensors power supply	U _S

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.



Voltage range (Sensor power supply)	min. ($U_L - 1.5\text{ V}$)
Sensor current (at TU30°C) (Sensor power supply)	max. 800 mA
Short-circuit proof (Sensor power supply)	Yes
Indication (Sensor power supply)	LED green
Inputs	
Signal type (Inputs)	Digital Inputs
Number of channels (Inputs)	16
Channel type (Inputs)	N.O., n-switching
Nominal input voltage	24 V DC
Voltage (Signal status "1") - Explanation	$< (U_S - 11\text{ V})$
Voltage (Signal status "0") - Explanation	$> (U_S - 5\text{ V})$
Channel status indicator (Inputs)	LED yellow per channel
Input current at 6 V DC (typ.)	-10 mA
Scope of delivery and accessories	
Scope of delivery	Dust covers M12 - 2 pieces, Attachable labels - 10 pieces

[Picture](#)
[Drawing](#)



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