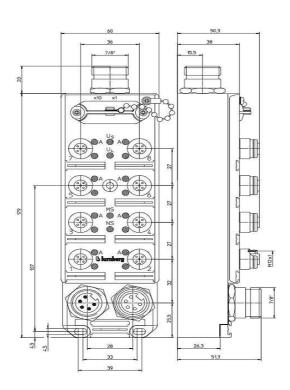**Product information**
0930 DSL 311
45133

Name	0930 DSL 311
	DeviceNet™ device with 8 digital outputs (2 A) to connect standard actuators, combined FIXCON/M12 socket, rotary switches for addressing, 7/8" bus connection, 7/8" actuator supply
Delivery informations	
Availability	available
Product description	
Type	0930 DSL 311
Order No.	45133
Description	DeviceNet™ device with 8 digital outputs (2 A) to connect standard actuators, combined FIXCON/M12 socket, rotary switches for addressing, 7/8" bus connection, 7/8" actuator 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	orange
Product characteristics	Oil resistance, EMC resistance, Vibration resistance
Classification	
Belden class	I/O Modules with Digital Outputs (DO)
Belden brand	Lumberg-Automation
Mechanical data	
Weight	570 g
Dimensions (W x H x D)	60 mm x 199 mm x 51.3 mm
Environmental conditions	
Environmental temperature	0 ºC ... 60 ºC
Degree of protection (IP), mounted	IP67
Materials	
Housing material / Molded body	PUR
Approvals	
Approvals	UL
Bus system	
Fieldbus system	DeviceNet
Bus Connection	7/8"
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

Actuator power supply	
Actuator power supply	U$_S$ with potential separation
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
Outputs	
Output wiring	Type 2 A acc. to IEC 61131-2
Signal type (Outputs)	Digital Outputs
Number of channels (Outputs)	8
Channel type (Outputs)	N.O., p-switching
Nominal output current per channel	2 A
Short-circuit proof (Outputs)	Yes
Max. output current per module (Outputs)	12 A
Overload-proof (Outputs)	Yes
Channel status indicator (Outputs)	LED yellow per channel
Diagnostic indication (outputs)	LED red per channel
Scope of delivery and accessories	
Scope of delivery	Dust covers M12 - 2 pieces, Attachable labels - 10 pieces
Picture	
Drawing	

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.