

a BELDEN BRAND

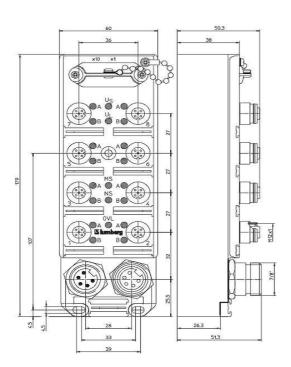
Product information 0930 DSL 312 45134

Name 0930 DSL 312 Image: State of the state of	ing, 7/8" bus
DeviceNet™ device with 16 digital inputs (p-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for address connection Delivery informations DeviceNet™ device with 16 digital inputs (p-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for address connection Delivery informations Availability available Product description DeviceNet™ device with 16 digital inputs (p-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for address connection Description Description DeviceNet™ device with 16 digital inputs (p-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for address connection Description DeviceNet™ device with 16 digital inputs (p-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for address connection Diagnostics The diagnostic message via the fieldbus provided by the DeviceNet™ modules of the brand Lumberg Automation™, consists of an additional ing is appended to the standard input process data. Depending on the particular module, the diagnostics is sent module- or slot-based. It is generation overlaad, 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 oarage Product characteristics OI modules wit	ing, 7/8" bus
connection Delivery informations Availability available Product description Type 0930 DSL 312 Order No. 45134 Description DeviceNet TM device with 16 digital inputs (p-switching) to connect standard sensors, combined FIXCONVM12 socket, rotary switches for address connection Diagnostics The diagnostic message via the fieldbus provided by the DeviceNet TM modules of the brand Lumberg Automation TM , consists of an additional input si appended to the standard input process data. Depending on the particular module, the diagnostics is sent module- or slot-based. It is generate 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 VO Modules with Digital Inputs (DI) Belden class VO Modules with Digital Inputs (DI) Belden brand Lumberg-Automation Mechanical data F70 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental temperature 0°C 60 °C	sing, 7/8" bus
Delivery informations available Availability available Product description Type Type 0930 DSL 312 Order No. 45134 Description DeviceNet™ device with 16 digital inputs (p-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for address connection Diagnostics The diagnostic message via the fieldbus provided by the DeviceNet™ modules of the brand Lumberg Automation™, consists of an additional input is appended to the standard input process data. Depending on the particular module, the diagnostics is sent module- or slot-based. It is generate 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. Cloor of housing orange Product characteristics Oil resistance, EMC resistance, Vibration resistance Classification U Belden class VO Modules with Digital Inputs (D) Belden class VO Modules with Digital Inputs (DI) Belden brand Lumberg-Automation Mechanical data 570 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environme	
Availability available Product description Type 0930 DSL 312 Order No. 45134 Description DeviceNet™ device with 16 digital inputs (p-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for address connection Diagnostics The diagnostic message via the fieldbus provided by the DeviceNet™ modules of the brand Lumberg Automation™, consists of an additional inpits appended to the standard input process data. Depending on the particular module, the diagnostics is sent module- or slot-based. It is generate 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. Classification Order switch. Digital Inputs (DI) Belden class I/O Modules with Digital Inputs (DI) Belden class I/O Modules with Digital Inputs (DI) Belden brand Lumberg-Automation Mechanical data 570 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental temperature 0°C 60 °C	
Type 0930 DSL 312 Order No. 45134 Description DeviceNet™ device with 16 digital inputs (p-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for address connection Diagnostics The diagnostic message via the fieldbus provided by the DeviceNet™ modules of the brand Lumberg Automation™, consists of an additional input sappended to the standard input process data. Depending on the particular module, the diagnostics is sent module- or slot-based. It is generate 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 Uo Modules with Digital Inputs (DI) Belden class I/O Modules with Digital Inputs (DI) Belden brand Lumberg-Automation Mechanical data 570 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental temperature 0 °C 60 °C	
Order No. 45134 Description DeviceNet™ device with 16 digital inputs (p-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for address connection Diagnostics The diagnostic message via the fieldbus provided by the DeviceNet™ modules of the brand Lumberg Automation™, consists of an additional inpi is appended to the standard input process data. Depending on the particular module, the diagnostics is sent module- or slot-based. It is generate 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 U/O Modules with Digital Inputs (DI) Belden brand Lumberg-Automation Mechanical data 570 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental conditions 0°C 60 °C	
Description DeviceNet™ device with 16 digital inputs (p-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for address connection Diagnostics The diagnostic message via the fieldbus provided by the DeviceNet™ modules of the brand Lumberg Automation™, consists of an additional inpi is appended to the standard input process data. Depending on the particular module, the diagnostics is sent module- or slot-based. It is generate 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 U/O Modules with Digital Inputs (DI) Belden class V/O Modules with Digital Inputs (DI) Belden brand Lumberg-Automation Mechanical data Cong of onm x 179 mm x 51.3 mm Environmental conditions Go °C	
connection Diagnostics The diagnostic message via the fieldbus provided by the DeviceNet™ modules of the brand Lumberg Automation™, consists of an additional inplis appended to the standard input process data. Depending on the particular module, the diagnostics is sent module- or slot-based. It is generate 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 Lumberg-Automation Belden class I/O Modules with Digital Inputs (DI) Belden brand Lumberg-Automation Mechanical data 570 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental conditions 0°C 60 °C	
is appended to the standard input process data. Depending on the particular module, the diagnostics is sent module- or slot-based. It is generate 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 Elden class Belden class I/O Modules with Digital Inputs (DI) Belden brand Lumberg-Automation Mechanical data 0 Weight 570 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental conditions 0 °C 60 °C	ing, 7/8" bus
Color of housing orange Product characteristics Oil resistance, EMC resistance, Vibration resistance Classification Edden class Belden class I/O Modules with Digital Inputs (DI) Belden brand Lumberg-Automation Mechanical data V Weight 570 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental conditions Environmental temperature O °C 60 °C	
Product characteristics Oil resistance, EMC resistance, Vibration resistance Classification I/O Modules with Digital Inputs (DI) Belden class I/O Modules with Digital Inputs (DI) Belden brand Lumberg-Automation Mechanical data V Weight 570 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental conditions Environmental temperature O °C 60 °C	
Classification Belden class I/O Modules with Digital Inputs (DI) Belden brand Lumberg-Automation Mechanical data 570 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental conditions For C 60 °C	
Belden class I/O Modules with Digital Inputs (DI) Belden brand Lumberg-Automation Mechanical data 570 g Weight 570 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental conditions C Environmental temperature 0°C 60 °C	
Belden brand Lumberg-Automation Mechanical data View Weight 570 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental conditions View Environmental temperature 0 °C 60 °C	
Mechanical data Weight 570 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental conditions 60 mm x 100 mm x 51.3 mm Environmental conditions 0 °C 60 °C	
Weight 570 g Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental conditions 0 °C 60 °C	
Dimensions (W x H x D) 60 mm x 179 mm x 51.3 mm Environmental conditions Environmental temperature 0 °C 60 °C	
Environmental conditions Environmental temperature 0 °C 60 °C	
Environmental temperature 0 °C 60 °C	
Degree of protection (IP), mounted IP67	
Mar. Adv	
Materials	
Housing material / Molded body PUR	
Bus 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 UL	
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 Yes	
Interface)	
Function Indicator (Supply Fieldbus Interface) LED green	
Sensors power supply	
Sensors power supply U _S	



Voltage range (Sensor power supply)	min. (U _L - 1.5 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	
Input wiring	Type 2 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
Voltage (Signal status "1") - Explanation	11 - 30 V
Voltage (Signal status "0") - Explanation	-3 - 5 V
Channel status indicator (Inputs)	LED yellow per channel
Input current at 24 V DC (typ.)	10 mA
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.