Product information
0930 CSL 108
54154

Name	0930 CSL 108
	CANopen® device with 16 digital inputs (p-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for address setting, M12 bus connection
Delivery informations	
Availability	available
Product description	
Type	0930 CSL 108
Order No.	54154
Description	CANopen® device with 16 digital inputs (p-switching) to connect standard sensors, combined FIXCON/M12 socket, rotary switches for address setting, M12 bus connection
Diagnostics	The diagnostic message provided by the CANopen® modules of the brand Lumberg Automation™, consists of an additional input byte, which is appended to the standard input process data. In form of a group diagnostics for each module an overload, actuator low voltage and actuator short circuit is being reported. 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 ºC ... 60 ºC
Degree of protection (IP), mounted	IP67
Materials	
Housing material / Molded body	PUR
Bus system	
Fieldbus system	CANopen®
Bus Connection	M12
Autobaud	Yes
Transmission rate	max. 1000 kbit/s
Address range	1 dec. ... 99 dec.
Rotary address switches	1 dec. ... 99 dec.
Default address	63 dec.
Communication modes	PDO, SDO, NMT, Node-Guarding
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

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	