



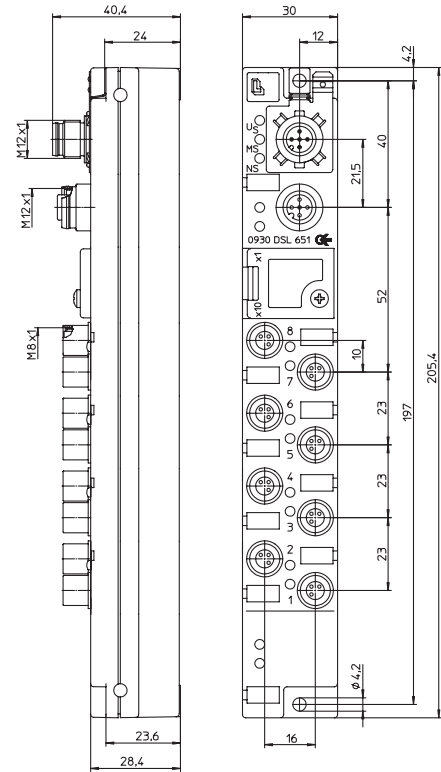
0930 DSL 651



DeviceNet I/O Modules with 8-Digital Inputs

8 IN

DeviceNet device with 8 digital inputs to connect standard sensors, M8 socket, 3 poles, rotary switches for addressing, M12 bus connection.



Bit Assignment

Bit	7	6	5	4	3	2	1	0
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M8 Input

Byte 0	8	7	6	5	4	3	2	1
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Diagnostic

DIA-Byte	S8	S7	S6	S5	S4	S3	S2	S1
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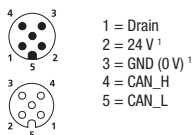
S1...8: Socket Status 1...8

Diagnostic Indication

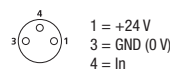
LED	Indication	Condition
1...8	yellow	channel status
1...8	red	periphery fault
Us	green	sensor/system power supply
Ul	green	actuator power supply
MS	green	device is ready for operating
(Module status)	green flashing	wrong configuration
	red	unrecoverable fault
	red flashing	recoverable fault
NS	red/green flashing	self test is running
	green	online, communication with PLC
	green flashing	online, no communication with PLC
	red flashing	time-out state of one or more I/O connections
	red	failed communication device, BUS-OFF Status, duplicate MAC-ID

Pin Assignment

Bus connection M12



Input M8



1 = system/sensors



Be Certain with Belden

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Technical Data

Environmental

Degree of protection	IP 67
Operating temperature range	-10°C (+14°F) to +60°C (+140°F)

Mechanical

Weight	190 g
Housing material	PBT

Bus system

Transmission rate	DeviceNet max. 500 kBaud
Address range	0–63 dec
Rotary address switches	0–63 dec
Default address	63 dec

System power supply

Rated voltage	24 V DC
Voltage range	11–30 V DC
Power consumption	60 mA
Reverse polarity protection	yes

Input power supply

Voltage range min.	Us (U _{System} - 1.5 V)
Sensor current	100 mA (at Tamb 30°C) per socket
Short circuit-proof	yes
Indication	LED green

Inputs

Rated input voltage	Type 3 acc. to IEC 61131-2 24 V DC
Channel type N.O.	p-switching
Number of digital channels	max. 8
Channel status indicator	LED yellow per channel
Diagnostic indication	LED red per channel

Included in delivery/accessories

Dust covers M8	2 pieces
Attachable labels	10 pieces

NOTE: EDS-files can be downloaded from our website
http://www.beldensolutions.com/en/Service/Downloadcenter/Software_Lumberg/index.phtml

Part Number

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The application of these products in harsh environments should always be checked before use.
 Specifications subject to alteration.