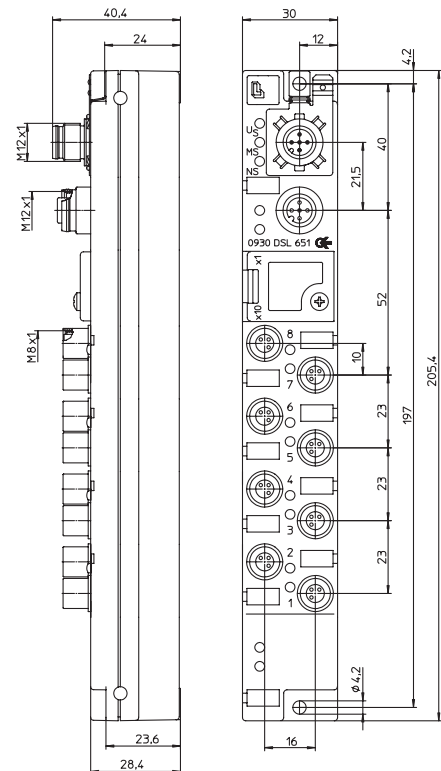**DeviceNet**

DeviceNet I/O Modules with 8-Digital Inputs

0930 DSL 651

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
M8 Input								
Byte 0	8	7	6	5	4	3	2	1
Diagnostic								
DIA-Byte	S8	S7	S6	S5	S4	S3	S2	S1

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 (Module status)	green	device is ready for operating
	green flashing	wrong configuration
	red	unrecoverable fault
	red flashing	recoverable fault
	red/green flashing	self test is running
NS (Network status)	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 = Drain
2 = 24 V [1]
3 = GND (0 V) [1]
4 = CAN_H
5 = CAN_L

1 = +24 V
3 = GND (0 V)
4 = In
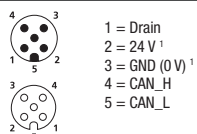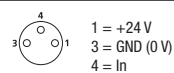
1 = system/sensors

Be Certain with Belden

DeviceNet I/O Modules with 8-Digital Inputs
0930 DSL 651

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 | **DeviceNet**
Transmission rate | 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 | **Us**
Voltage range min. | (U_{System} - 1.5 V)
Sensor current | 100 mA (at T_{amb} 30°C) per socket
Short circuit-proof | yes
Indication | LED green

Inputs | **Type 3 acc. to IEC 61131-2**
Rated input voltage | 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
0930 DSL 651

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

Mouser Electronics

Authorized Distributor

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