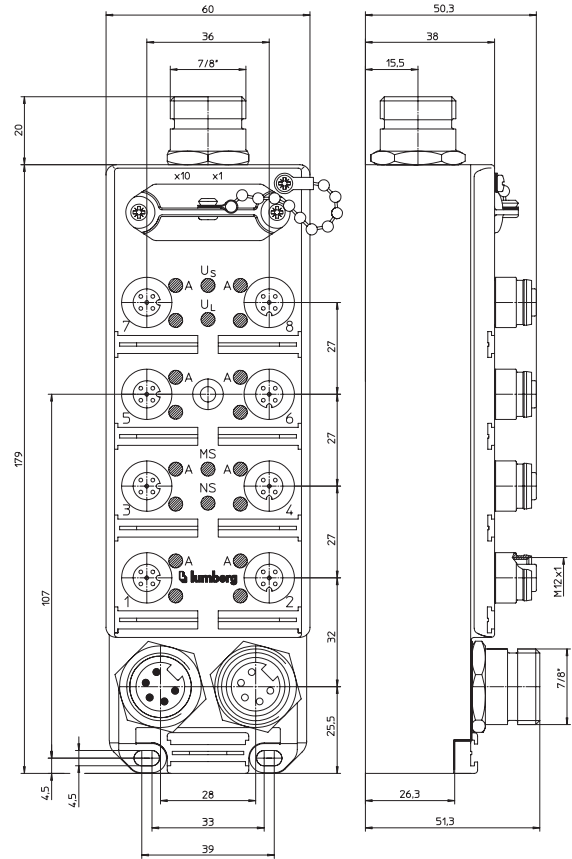


0930 DSL 311 8 Out

DeviceNet modules with 8 digital outputs (2 A) to connect standard actuators with female Micro (M12) actuator connections, Mini (7/8") bus connections, and male 3-pole Mini (7/8") power connections.



Bit Assignment

Bit	7	6	5	4	3	2	1	0
Diagnostic Input								
Byte 0	-	-	-	-	-	-	ASC	UVA
M12 Output								
Byte 0	8	7	6	5	4	3	2	1

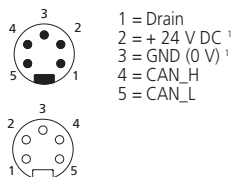
ASC: Actuator short-circuit
UVA: Undervoltage actuator

Diagnostic Indication

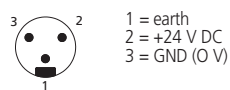
LED	Indication	Condition
1...8	yellow	channel active
1...8	red	actuator short circuit
U _s	green	actuator supply active
U _l	green	module electronic supply active
MS (module status)	green	module ready
	red flashing	error (not critical)
	red	error (critical)
NS (network status)	green	online, connected with master
	green flashing	online, no connection
	red flashing	time-out status for the last I/O connection
	red	Bus off status, redundant Mac ID

Pin Assignment

Bus Connection 7/8"



Power Supply



Output M12



Technical data	
Degree of protection	IP 67
Operating temperature	0°C(+32°F) /+60°C(+140°F)
Weight	570 g
Bus system	
Supported transmission rates	125 / 250 / 500 kBaud
Auto baud	yes
Address range	0-63 dec
Rotary address switches	0-63 dec
Default address	63 dec
System power supply (U_i)	
Nominal voltage	24 V DC
Voltage range	11 V - 30 V DC
Current consumption	max. 80 mA
Reverse polarity protection	yes
Operating indicator (UL)	LED green
Output power supply (U_s)	
Nominal voltage (U _s)	24 V DC
Voltage range	19 V - 30 V DC
Current consumption (no load)	max. 20 mA
Galvanic isolation	yes
Reverse polarity protection	yes
Actuator supply indicator (U _s)	green
Output levels	
Nominal output current	max. 2 A/ch,
Max output current	max. 12 A/module
Output current	max. 2.4 A
Number of channels	8
Channel type	PNP, N.O. short circuit protected
Status indicator per channel	LED yellow
Communication modes	
Explicit message connection	
Polled I/O message connection	
Change of state/cyclic message connection	
Connecting information	please see page 1.40

Part Number	I/O
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0930 DSL 311

8 Outputs

