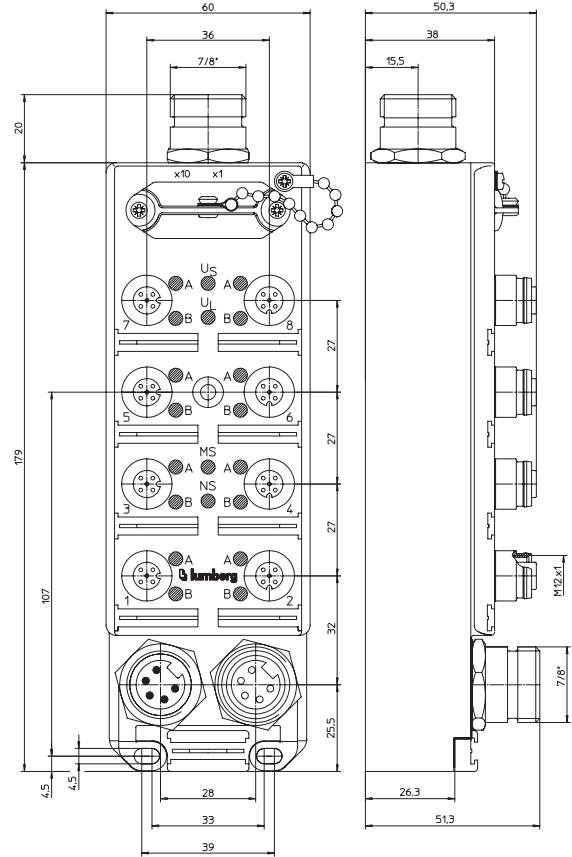


0930 DSL 315 16 Out

DeviceNet modules with 16 digital outputs (0.5 A) to connect standard actuators, female Micro (M12) actuator connections with 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 1	-	-	-	-	-	-	ASC	UVA
M12 Output								
Byte 0	8A	7A	6A	5A	4A	3A	2A	1A
Byte 1	8B	7B	6B	5B	4B	3B	2B	1B

ASC: Actuator short-circuit
UVA: Undervoltage actuator

Diagnostic Indication		
LED	Indication	Condition
1...8 A/B	yellow	channel active
1...8 A/B	red	actuator short circuit / overload
U _s	green	actuator supply active
U _e	green	module electronic supply active
MS	green	module ready
(module status)	green flashing	incorrect configuration
	red	error (critical)
	red flashing	error (not critical)
	red/green flashing	self test is running
NS	green	online, connected with master
(network status)	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"



- 1 = Drain
- 2 = + 24 V DC ¹
- 3 = GND (0 V) ¹
- 4 = CAN_H
- 5 = CAN_L



Power Supply 7/8"



- 1 = earth
- 2 = +24 V DC
- 3 = GND (0 V)

Output M12



- 1 = nc
- 2 = OUT B
- 3 = 0 V
- 4 = OUT A
- 5 = earth

¹ = System

Technical data	
Degree of protection	IP 67
Operating temperature	0°C(+32°F) /+60°C(+140°F)
Weight	570 g
Housing material	PUR
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_L)	
Rated voltage	24 V DC
Voltage range	11-30 V DC
Current consumption	max. 80 mA
Reverse polarity protection	yes
Operating indicator (UL)	LED green
Output power supply	
Nominal voltage (U _S)	24 V DC
Voltage range	19-30 V DC
Galvanic isolation	yes
Reverse polarity protection	yes / antiparallel diode
Actuator supply indicator (U _S)	LED green
Outputs	
Rated output current	0.7 A per channel
Short circuit-proof	yes
Max. output current	11.2 A
Overload-proof	yes
Number of channels	16
Channel type N.O.	PNP
Channel status indicator	LED yellow per channel
Diagnostic indication	LED red per channel
Communication modes	
Explicit message connection	
Polled I/O message connection	
Change of state/cyclic message connection	

Part Number	I/O
0930 DSL 315	16 Outputs

