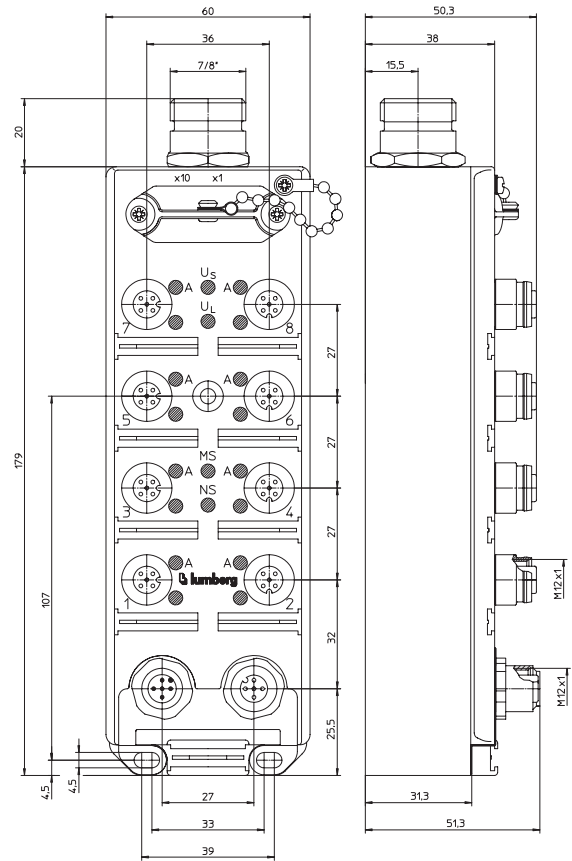


## 0930 DSL 107

8 Out

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



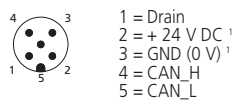
Bit Assignment								
Bit	7	6	5	4	3	2	1	0
<b>Diagnostic Input</b>								
Byte 0	-	-	-	-	-	-	ASC	UVA
<b>M12 Output</b>								
Byte 0	8	7	6	5	4	3	2	1

ASC: Actuator short-circuit  
UVA: Undervoltage actuator

Diagnostic Indication		
LED	Indication	Condition
1...8	yellow	channel active
1...8	red	actuator short circuit
U <sub>s</sub>	green	actuator supply active
U <sub>i</sub>	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 M12



1 = Drain  
2 = +24 V DC<sup>1</sup>  
3 = GND (0 V)<sup>1</sup>  
4 = CAN\_H  
5 = CAN\_L



### Power Supply



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

### Output M12



1 = N.C.  
2 = N.C.  
3 = 0 V  
4 = OUT  
5 = earth

<sup>1</sup> = System

<b>Technical data</b>	
Degree of protection	IP 67
Operating temperature	0°C(+32°F) /+60°C(+140°F)
Weight	570 g
<b>Bus system</b>	
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
<b>System power supply (U<sub>i</sub>)</b>	
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
<b>Output power supply (U<sub>s</sub>)</b>	
Nominal voltage	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 <sub>s</sub> )	green
<b>Outputs</b>	
Nominal output current	max. 2 A/ch,
Max output current	max. 12 A/module
Number of channels	8
Channel type N.O.	PNP
Short circuit protection	yes
Status indicator per channel	LED yellow
Diagnostic indication	LED red / channel
<b>Communication modes</b>	
Explicit message connection	
Polled I/O message connection	
Change of state/cyclic message connection	
<b>Connecting information</b>	

Part Number	I/O
0930 DSL 107	8 Outputs

