

DC Latching Solenoid



Model 4L

Features:

- Ideal for battery operation
- Fail safe in energized position
- UL recognized

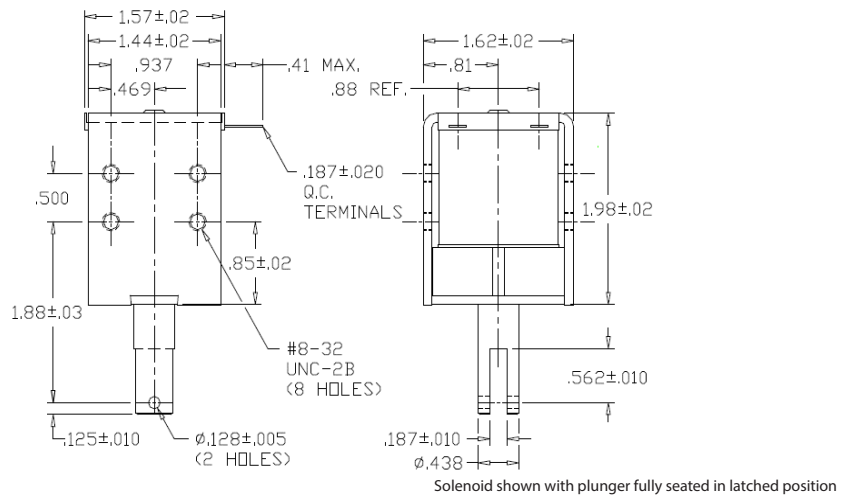
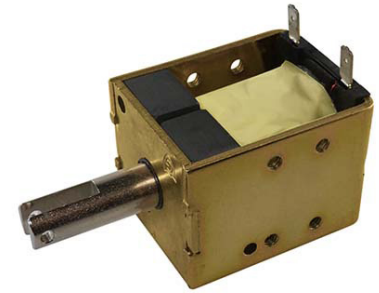
Electrical:

- Coil Voltages: 12, 24 VDC standard
- Coil Termination: 3/16" QC terminals
- Duty Cycle: 100% Continuous
- Coil treatment: Tape Wrapped
- Insulation Class: Class A Rating - 105° C (221° F)
- Dielectric Strength: 1500V 60 Hz

Mechanical:

- Size: 1.98" (L) x 1.57" (W) x 1.62" (H)
- Plunger Diameter: 0.438"
- Plunger Guide Material: Plastic
- Mounting: 8 - #8-32 holes
- Weight: Plunger 1.6 oz, Total 12.5 oz
- Life Expectancy: 1 Million Cycles¹

¹ - Dependent on load conditions



Standard Part Numbers

Model No.	Part No.	Duty Cycle	Voltage	Resistance ² (Ω)	Power (W)	Current
4L-C-12D	A420-067897-00	Cont.	12VDC	25.5	5.9	471 mA
4L-C-24D	A420-067899-00	Cont.	24VDC	102	5.9	235 mA

² - Coil resistance tolerance +/- 5%

Contact us for custom voltages or duty cycles



Available Customization:

- Plunger/ Return Spring
 - DC Voltage
 - Duty Cycle
 - Insulation systems up to class H 180° C (356° F)
- * Minimum quantities apply

Stroke (in.)	Typical Push Force Ounces [N] @ 20°C (68°F)								HOLDING FORCE Ounces [N]
	(Distance from fully seated, latched position)								
	0.050	0.125	0.250	0.375	0.500	0.625	0.750	1.000	
Continuous 100%	108 [30]	65 [18.1]	35 [9.7]	20 [5.6]	13 [3.6]	5 [1.4]	3 [0.8]	1 [0.3]	160 [44.5]

Continuous Duty 100% = 100% On Time



GUARDIAN-ELECTRIC.COM

1425 Lake Ave - Woodstock IL 60098 - Phone: 800-762-0369

The information is subject to change without notice. © Guardian Electric

