

MED 16x1.125 LOCKING SOLENOID

TUBULAR LOCK SOLENOID

Two position linear solenoid with tubular frame construction.



Features

- High performance construction
- DC solenoids applications only
- Internal spring return
- UL approval on request

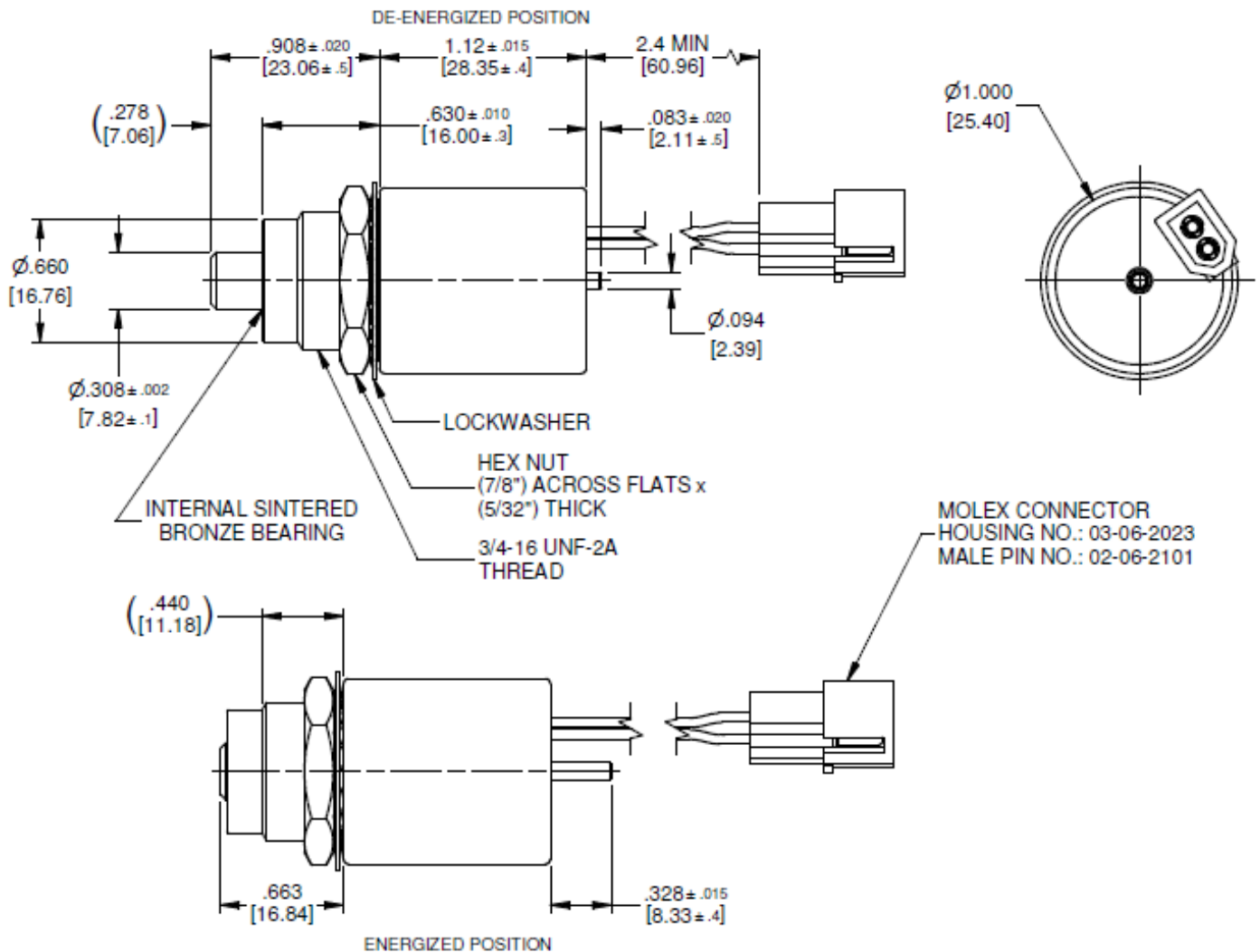
Electrical Specifications	
Coil Voltages	12, 24VDC
Coil Power	8 Watts Continuous
Coil Termination	Wire leads 24 AWG (standard)
Duty Cycle	Continuous (See standard part numbers on page 3)
Coil Treatment	Tape Wrapped
Insulation Class	Class B Rating - 130°C (266°F) Max.
Dielectric Strength	24 and 12 VDC: 500 VRMS
Mechanical Specifications	
Size	1.12" [28.5] (L) x Ø 1.000" [25.4] (D)
Forces	See force curves on page 3
Plunger Diameter	Ø 0.308" [7.82]
Plunger Guide Material	Plastic with bronze bearing
Mounting	0.875" [22.2] Hex Nut
Weight	Total - 4.4 oz [124.7 gms]
Life Expectancy	250,000 Cycles (Dependent on load conditions)
Agency Approvals	
	UL File No. E74443 For Insulation Systems S130

Dimensions: inches [mm]

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Dimensional View

Units: Inches [mm]



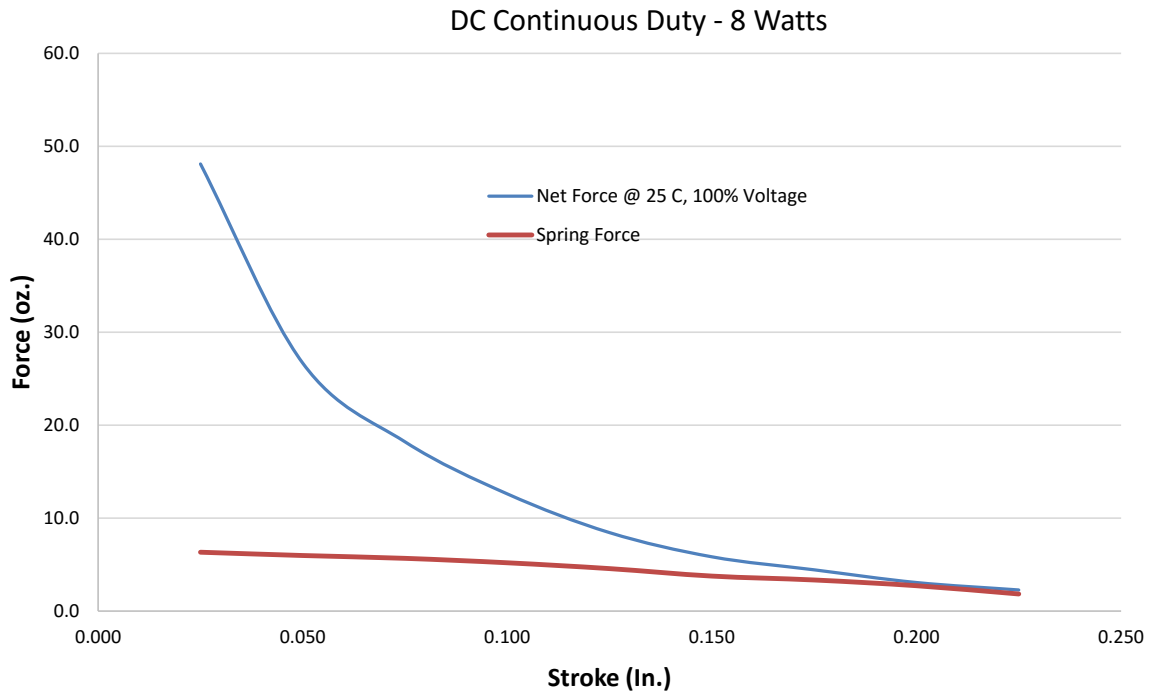
UNLESS OTHERWISE SPECIFIED
INCHES ± .015
(MILLIMETERS 0.38)

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Force Curves



Standard Part Numbers

Parts No.	Voltage	Duty Cycle	Power	Resistance (Ohms)
53805-80	12 VDC	Continuous	8 Watts	19
53805-81	24 VDC			75