



D-FRAME SOLENOID

Two position linear solenoid with D-frame construction.

Features

- Balance of cost and performance
- AC solenoids and DC solenoids available
- Encapsulated coils on most models
- UL approval on many models



Electrical Specifications	
Coil Voltages	6, 12, 24, 120, 240 VAC 6, 12, 24, 110 VDC
Coil Power	10 VA Continuous, 59 VA Intermittent, 100 VA Pulse, 11.5 Watts Continuous, 47 Watts Intermittent, 105 Watts Pulse
Coil Termination	.187" Quick Connect Terminals (standard) .250" Quick Connect Terminals (optional) Wire leads optional with tape wrapped coil
Duty Cycle	Continuous, Intermittent and pulse (see standard part numbers on page 4)
Coil Treatment	Encapsulated (tape wrap optional)
Insulation Class	Class A Rating - 105°C (221°F) Max. (standard) Class F Rating - 155°C (311°F) Max. (optional)
Dielectric Strength	30 Volts and Under: 500 VRMS Over 30 Volts: 1000 VRMS plus 2X rated voltage for 1 minute
Mechanical Specifications	
Size	1.996" (L) x 1.437" (W) x 1.625" (H) (See dimensional drawing on page 2)
Forces	See page 3 for force curves
Plunger Diameter	0.4375"
Plunger Guide Material	Plastic
Mounting	8X #8-32 UNC-2B Mounting Holes
Weight	Plunger - 1.63 oz., Total - 12 oz.
Life Expectancy	250,000 Cycles (Dependent on load conditions)
Agency Approval	
UL File No. E57982 For Continuous Duty UL File No. E74443 For Insulation Systems S105, S130, S130D, S130D1, S155D	

All dimensions in Inches