



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 | 12.5 VA Continuous, 39 VA Intermittent, 125 VA Pulse 8 Watts Continuous, 19 Watts Intermittent, 80 Watts Pulse |
| Coil Termination | .187" Quick Connect Terminals (standard) Wire leads optional with tape wrapped coil |
| Duty Cycle | Continuous, intermittent and pulse duty available (see standard parts 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 | 1.851" (L) x 0.938" (W) x 1.190" (H) (See dimensional drawing on page 2) |
| Forces | See force curve tables on page 3 |
| Plunger Diameter | 0.3125" |
| Plunger Guide Material | Plastic |
| Mounting | 4X #6-32 UNC-2B Mounting Holes |
| Weight | Plunger - 0.65 oz., Total - 5.0 oz. |
| Life Expectancy | 250,000 Cycles (Dependent on load conditions) |
| Agency Approvals | |
| UL File No. E57982 For Continuous Duty UL File No. E74443 For Insulation Systems S105, S130, S130D, S130D1, S155D | |

All dimensions in Inches