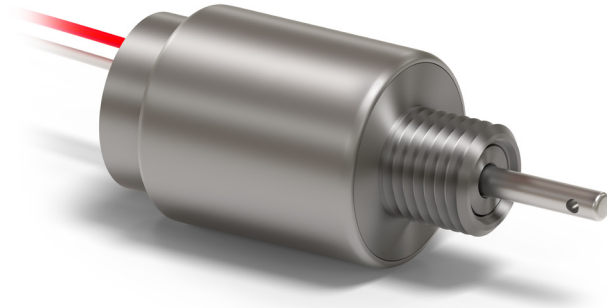




Short-Stroke Latching Solenoid

The short-stroke latching solenoid was designed to open and close a vent on a foam injection molding machine. This solenoid used only a short pulse of current to actuate and used a permanent magnet to hold the armature in the latched position without drawing any current. The design included a fully threaded nose for mounting to the machine.

Features & Benefits

- + Compact design
- + 1/4 NPS, fully threaded nose
- + Customizable force and stroke
- + Optimizable for customer's power requirements

Applications

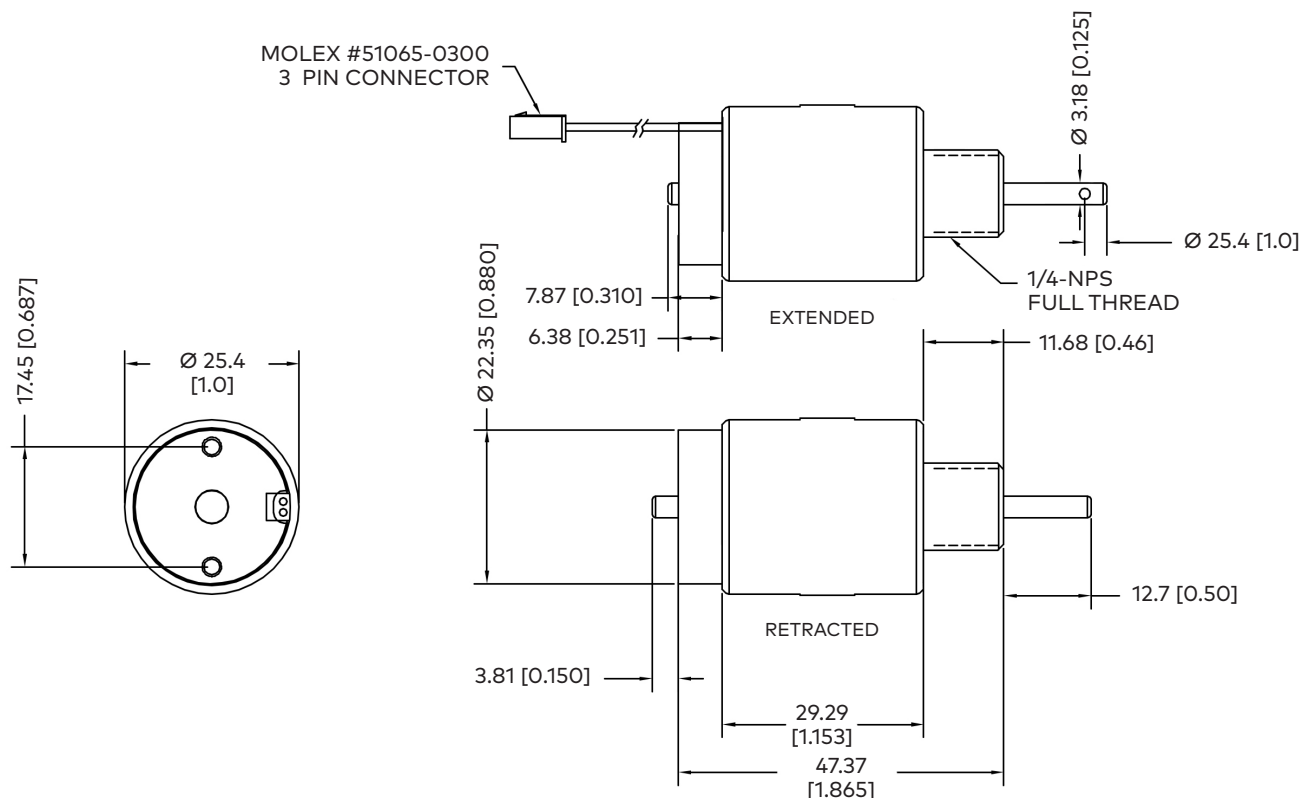
- + Injection molding
- + Banking equipment
- + Locking mechanisms
- + Battery-operated locks
- + Vending equipment
- + Business equipment

Technical Data (custom configurations available)

- + Stroke: 2.3 mm
- + Supply voltage: 12 Vdc
- + Resistance at 20°C: > 12 Ω
- + Spring load (latched): 5.56 N reference
- + Spring load (de-latched): 3.56 N min.

All TLX components are customized to fit system requirements, meaning technical specifications are unique to each customer and design. Examples given are for illustration purposes only.

Dimensional Drawings (dimensions in millimeters [inches])



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