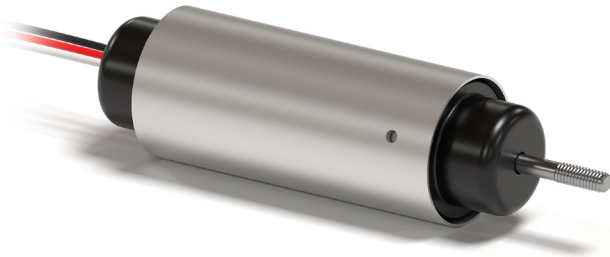


Three-Position Push/ Pull Solenoid



The three-position push/pull solenoid used only one spring to hold the armature in the center position, which made it easier to assemble and improved the center-position tolerance. This continuous duty solenoid had two power leads. When one lead was energized, the armature pushed (fully extended). When the other was energized, the armature pulled (fully retracted). When the solenoid was de-energized, the armature returned to the center position.

Features & Benefits

- + Push or pull from a center position
- + Tight center-position tolerance
- + Continuous duty operation
- + Long service life

Applications

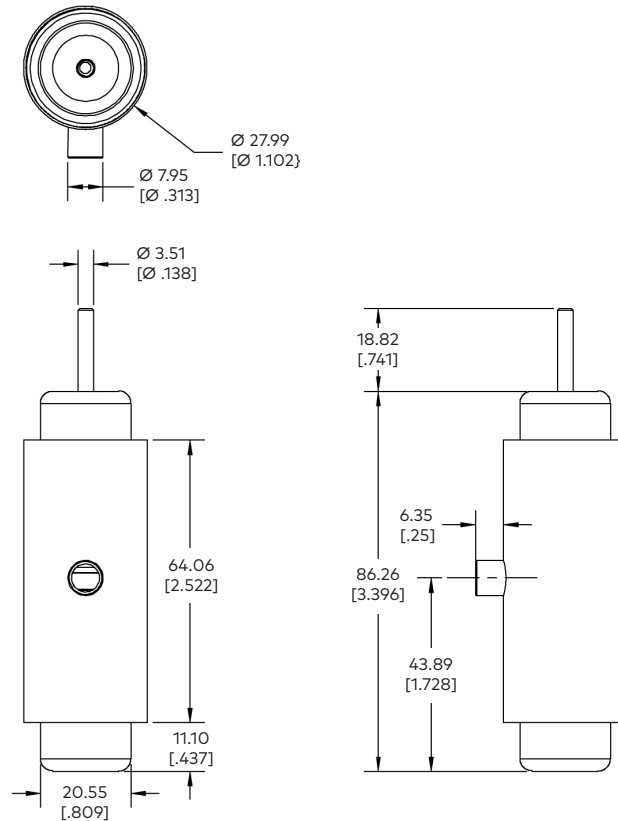
- + EVAP systems
- + Position control
- + Locking mechanisms
- + Business equipment
- + Vending equipment
- + Damper controls

Technical Data (custom configurations available)

- + Stroke from center position: 1.58 to 25.4 mm
- + Push/pull force: 0.29 to 44.13 N
- + Supply voltage: 3 to 48 Vdc
- + Operating temperature range: -40°C to 120°C (-40°F to 248°F)
- + Duty cycle (%ED): 100%
- + Durability: > 10M cycles

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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