



Latching Solenoid with Burst Pin

The latching solenoid with burst pin is designed for pneumatically actuated fire suppression systems. The hollow burst pin is held in the ready position without drawing any current. When a signal from the fire control panel releases the burst pin, a powerful spring forces the pin through the burst disc on the pressurized pilot vessel, releasing discharge gas into the pneumatic actuation line. Latching force, stroke, port size, and interface can be customized to match system requirements.

Features & Benefits

- + High latching force
- + Ultrafast response
- + Low power consumption
- + Low pressure drop
- + High flow
- + Customizable interface
- + Optional manual actuation assembly and reset tool attachment

Applications

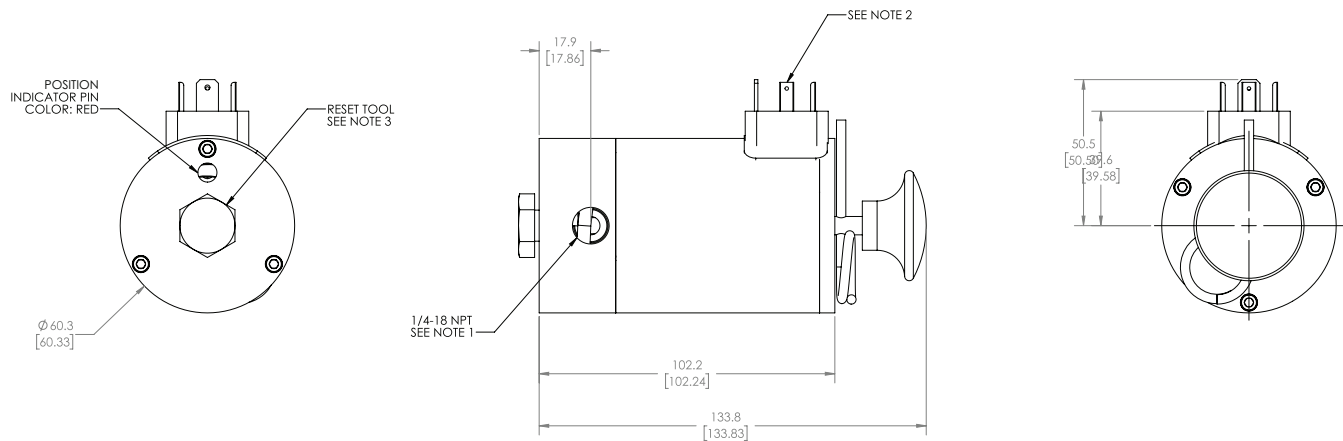
- + Fire suppression
- + Process fluid control
- + Pyrotechnic burst systems

Technical Data (custom configurations available)

- + Stroke (designed to spec): 5.1 mm $\pm$ 0.635 mm
- + Supply voltage: 28 Vdc
- + Coil resistance at 20°C: 25.7 Ω $\pm$ 2.0 Ω
- + Operating temperature range: -40°C to 60°C (-40°F to 140°F)
- + Latching force: > 578 N
- + Manual override force: 33.36 to 178 N max.
- + Spring load (de-latched): 333 N reference
- + Spring load (latched): 489 N $\pm$ 66.7 N min.
- + Connector type: MPM B213060N2

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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