Latching Solenoid with Burst Pin

This latching solenoid is designed for fire suppression systems that require high force to penetrate a burst disc. The solenoid remains in the latched position until receiving the release signal from the system. It then instantly drives a burst pin through a burst disc into a compressed gas cylinder, releasing pressure through internal ports to move the extinguishing agent through the system. This component's stroke, latching force, and port size can be customized to fit your cylinder's requirements.

Features & Benefits

+ High latching forces
+ Ultra-fast response
+ Low power consumption
+ Low pressure drop
+ High-flow capability
+ Customizable interfacing options
+ 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 ± .635 mm
+ Supply voltage: 28 Vdc
+ Coil resistance at 20°C: 25.7 ± 2.0 Ω
+ Operating temperature range: -40°C to 60°C
+ Latching force: >578 N
+ Manual override force: 33.36-178 N max
+ Spring load (de-latched): 333 N reference
+ Spring load (latched): 489 ± 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.

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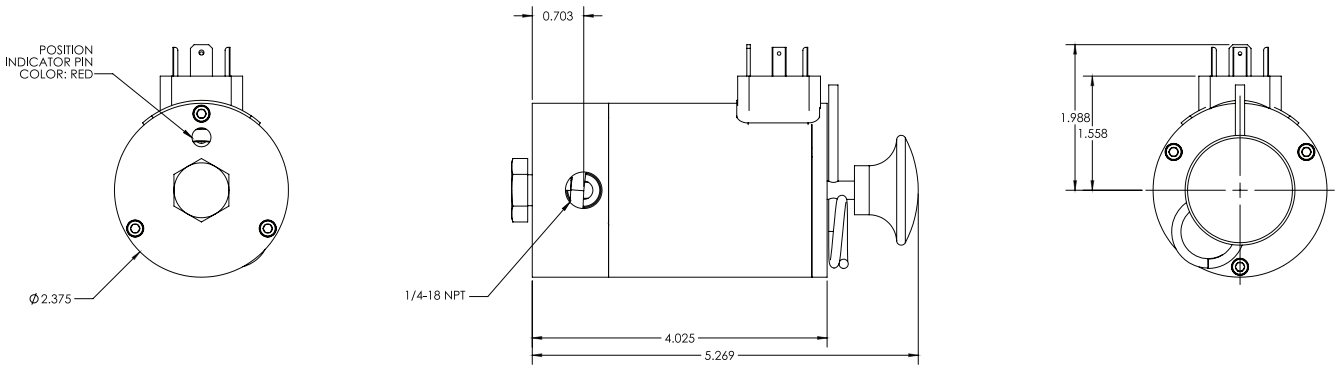
Dimensional Drawings (dimensions in inches)



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