

Pressure-Release Solenoid Valve



The pressure-release solenoid valve is designed for a motorcycle engine and releases pressure inside a closed cavity. This on/off valve can operate at temperatures as high as 240°C. When power is applied, the inner poppet extends, and flow is communicated through the valve's nose to the radial exit holes. When power is removed, the poppet retracts, closing the valve.

Features & Benefits

- + Normally closed
- + High operating temperature
- + Low leakage
- + Long service life
- + Teflon wires sleeved in a silicone jacket

Applications

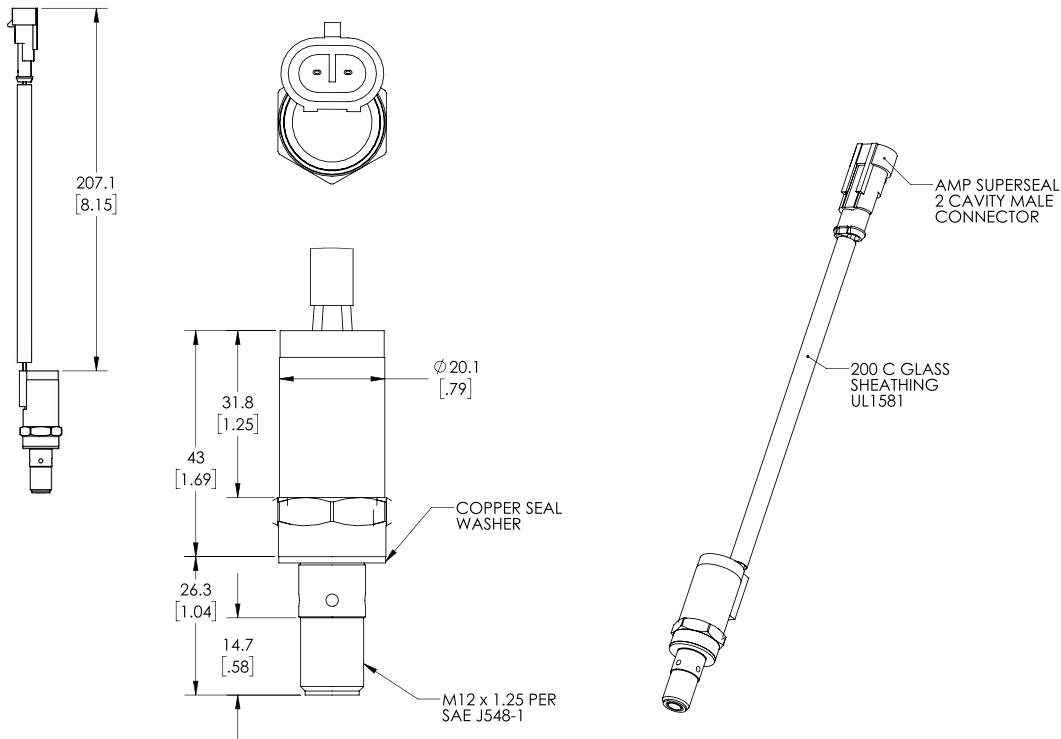
- + Engine compression release
- + Flow control
- + High temperature
- + Industrial controls

Technical Data (custom configurations available)

- + Stroke: 0.762 mm
- + Coil resistance at 20°C: 4.8 Ω
- + Supply voltage: 9 to 16 Vdc
- + Duty rating (% ED): 10%
- + Operating temperature range: -40°C to 240°C (-40°F to 460°F)
- + Leakage: < 800 cc/min @ 551.6 kPa
- + Valve spring load: 8.8 N
- + Durability: > 100M cycles
- + Connector type: AMP Supersal

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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