



Proportional Solenoid Actuator

The proportional solenoid actuator was used to actuate a hydraulic valve in an off-highway application. This direct-acting, continuous duty actuator was adaptable to a wide variety of applications and could be customized to meet specific force and stroke curves.

Features & Benefits

- + Compact design
- + Fast response
- + Customizable force and stroke curve
- + Customizable to application's electronic drivers

Applications

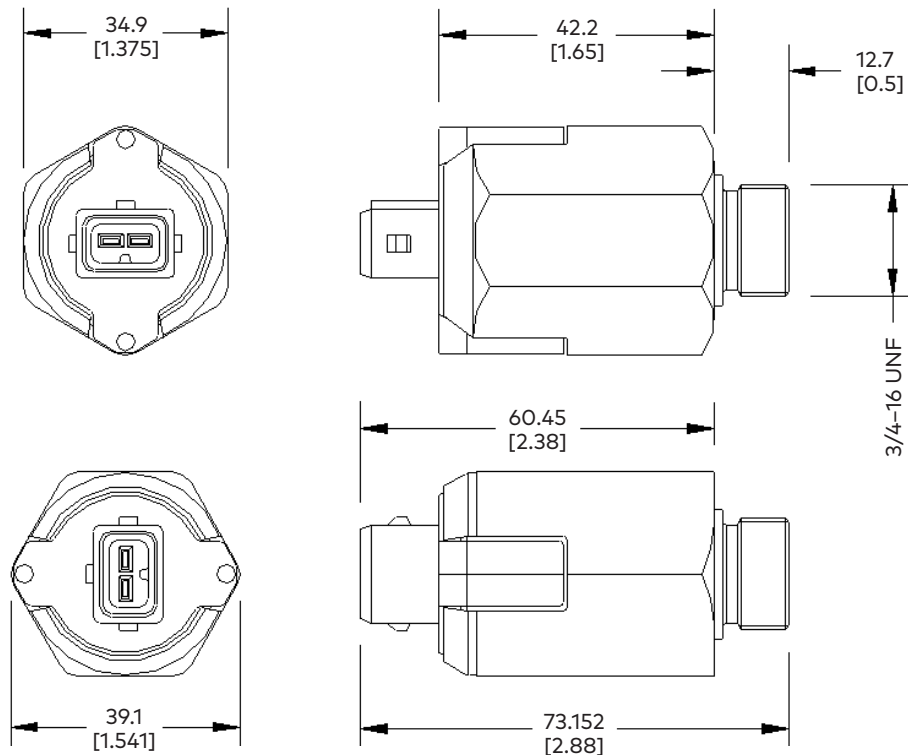
- + EGR control
- + Hydraulic controls
- + Industrial controls
- + Machine controls
- + Transmission control
- + Turbocharger control

Technical Data (custom configurations available)

- + Voltage: 12 or 24 Vdc
- + Dither frequency: 100 Hz to 500 Hz
- + Stroke: 3.3 mm
- + Force hysteresis: < 5%
- + Nominal linearity: < 2%
- + Insulation class: H (180°C / 356°F)
- + Duty cycle (% ED): 100%

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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