



## Explosion Proof Actuator with Supervision

The patented Explosion Proof Actuator with Supervision is specifically designed for hazardous gas environments and is UL HazLoc, ATEX, and IECEx certified. Uniquely designed as a top-mounted linear actuator, it does not act as a pressure vessel on the discharge valve, reducing the number of potential leak points in the system. The integrated supervisory feature provides fully engaged installation detection. Special design features and material grade selection allow the actuator to act as its own enclosure. The actuator's force output can be specified to accommodate any system's operating pressure up to 300 bar.

### Features & Benefits

- + UL HazLoc, ATEX, and IECEx certified
- + Top-mounted actuator acts as enclosure, eliminating the need for additional components
- + Reduces potential leak points in the system
- + Integrated supervision with 6-wire standard plus internal grounding wire
- + Force output can be matched to any system's operating pressure up to 300 bar
- + Freely rotates for easy installation
- + Resettable for future use
- + Enclosure components and flame paths produced from passivated 304SS
- + No brass, bronze, or copper in exterior components
- + Engineering expertise to help achieve UL, FM, CE, LPCB, & VdS certifications and listings

### Add-on Features

Manual actuation and reset tool options



Manual Reset Tool (aluminum)



Push Button Manual Actuator (stainless steel)



Lever Action Manual Actuator (stainless steel)



Lever Action Manual/Pneumatic Actuator (stainless steel)



The explosion proof actuator with supervision is specifically designed for hazardous gas environments and meets the UL and NFPA requirements for these systems.

**Technical Data (custom configurations available)**

**cULus File E492320**

- + Class I, Division 1, Groups A, B, C & D, T5
- + Class I, Zone 1, AEx db IIC T5 Gb
- + Ex db IIC T5 Gb
- + Type 4X Enclosure
- + IP66

**UL 21 ATEX 2557X**

- + CE 0539 Ex II 2 G Ex db IIC T5 Gb

**IECEX UL 21.0050X**

- + Ex db IIC T5 Gb

**Operating Conditions**

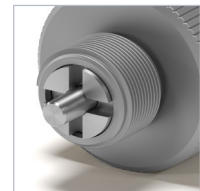
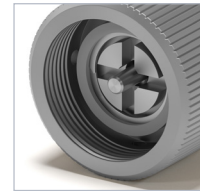
- +  $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +65^{\circ}\text{C}$
- + Continuous duty, 24 Vdc, 0.5 A Nominal

*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.*

**Customizations**

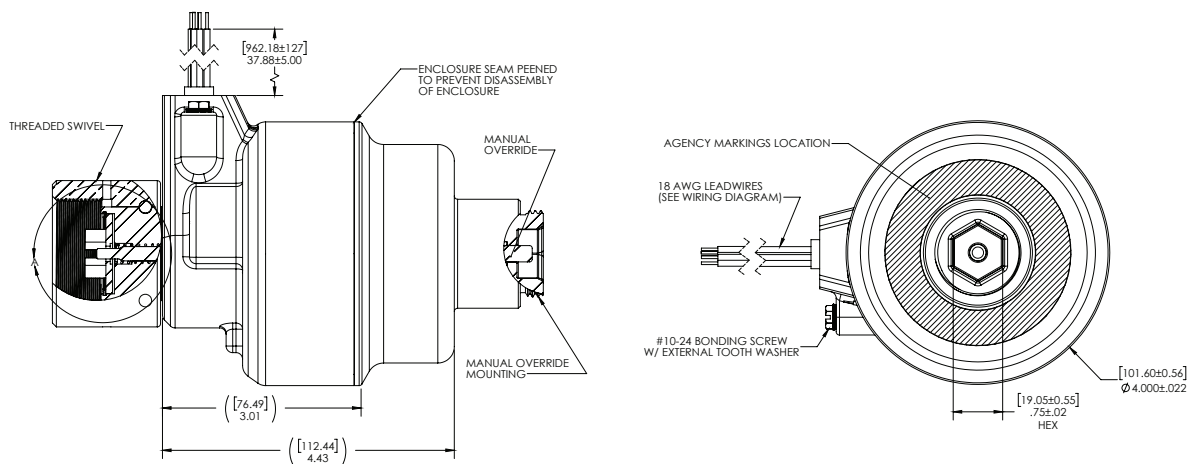
Based on your valve configuration, discharge valve interface options can be customized.

- + Thread size
- + Thread type
- + Pin stick out
- + Pin stroke



Female/Male Thread Connection Options

**Dimensional Drawings (dimensions in inches)**



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