TLX TECHNOLOGIES
P: 262-970-8660
F: 262-970-8665
E: sales@tlxtech.com

Pull Type Locking Solenoid

Description

This continuous duty solenoid example was originally designed for a computer desk lock application. The solenoid holds in the locked position utilizing no power. When power is applied, it energizes the solenoid to pull in the armature unlocking the mechanism. The solenoid will hold in this set position until the power is removed and it returns to the locked position.

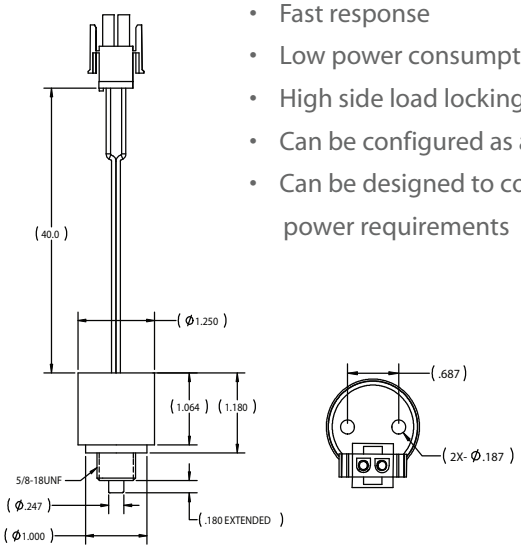
This design can be customized to a variety of applications requiring a locking mechanism and can be engineered for use with either an active or passive key system.

Typical Applications

- Electric Locks
- Business Equipment
- Computer Case Lock
- Computer Docking Station Lock
- ATM Machines
- Battery Operated Locks
- Vending Equipment
- Medical Supply Cabinets

Features & Benefits

- Compact design
- Fast response
- Low power consumption
- High side load locking capability
- Can be configured as a push or pull action
- Can be designed to configure with customer power requirements



Typical Specifications *(Custom configurations available)*

Stroke (can be designed to specification)	4.064 ± .254 mm (.16 ± .01 in)
Supply Voltage	12 Vdc
Coil Resistance at 20°C	21.9 Ω
Spring Force Extended	3.33 N (.75 lbs)

View more information and read additional case studies on our website at www.tlxtech.com.

LATCHING TECHNOLOGY Capable of holding in position without the constant application of electrical current. Latching technology is well suited for battery operated applications.

HIGH-SPEED TECHNOLOGY

For applications requiring extremely accurate and high speed control of fluids, position or pressure. TLX's technology allows for response times in as little as 200 microseconds.

PROPORTIONAL TECHNOLOGY

For applications requiring accurate and repeatable control, low hysteresis, and a flat force vs. stroke curve. TLX's technology allows for a smaller package size for the same force requirement.

HIGH TEMPERATURE TECHNOLOGY

For applications requiring consistent performance under extremely high operating temperatures. TLX's high temperature technology offers proven operation in ambient temperatures exceeding 500°F (260°C).

ISO 9001:2015 Certified

TLX TECHNOLOGIES
Innovative Electromagnetic Solutions