

# Residual Magnetism Latching Solenoid

## Description:

This example of latching technology is a linear on-off design with a built in latching feature that holds the solenoid in the energized position. The solenoid's latching feature utilizes TLX's residual magnetism latching technology and therefore does not require the use of continuous current or permanent magnets to hold in the selected position. Strokes and latching force are flexible depending upon solenoid size.

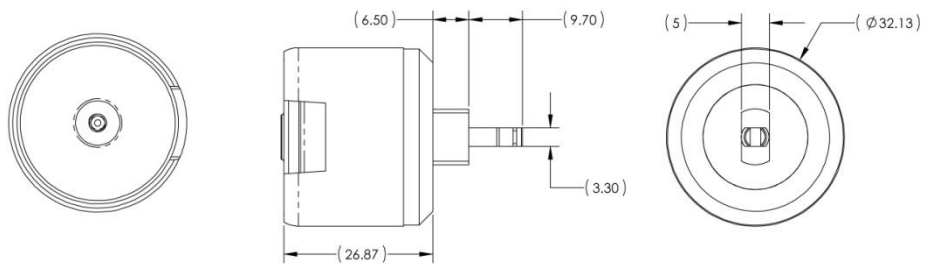


## Features:

- Compact design
- High latching forces
- Low power consumption
- Can be designed for specific load holding capability and package size

## Possible Applications:

- Electric locks
- Computer case lock
- Battery operated locks
- Safety interlocks
- Medical supply cabinets
- Business equipment



## Example Specifications:

**English** (metric as applies)

Stroke (can be designed to specification)	.098 in (2.5 mm)
Latching Force (approx. for size shown)	9.0 lbs (40 N)
Response Time	<10 ms
Release Current	1 amp
Release Response	3 ms
Release Voltage	12 Vdc
Durability	>500K cycles
Connector Type	As required