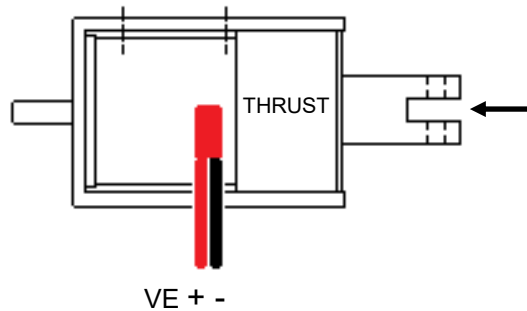
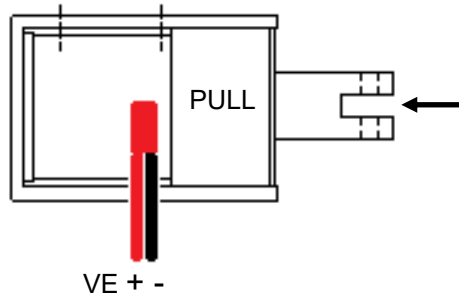




Latching Solenoid - Operating Principle

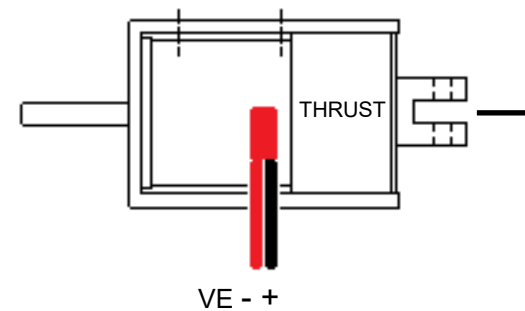
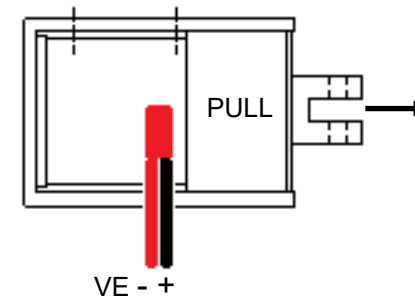
Open Position, Energise Solenoid



Plunger is in the Open position free or maintained by an external force

- 1, Energise coil, plunger Pulls or Pushes the load to closed position
- 2, Pulse to coil finishes, permanent magnets hold the plunger closed

Closed Position, De-Energise Solenoid



Plunger is in the Closed position held by permanent magnets.

- 1, Energise coil with lower voltage reverse polarity pulse
- 2, Mechanical assistance is required when de-latching to Open position. (ie Return Spring)