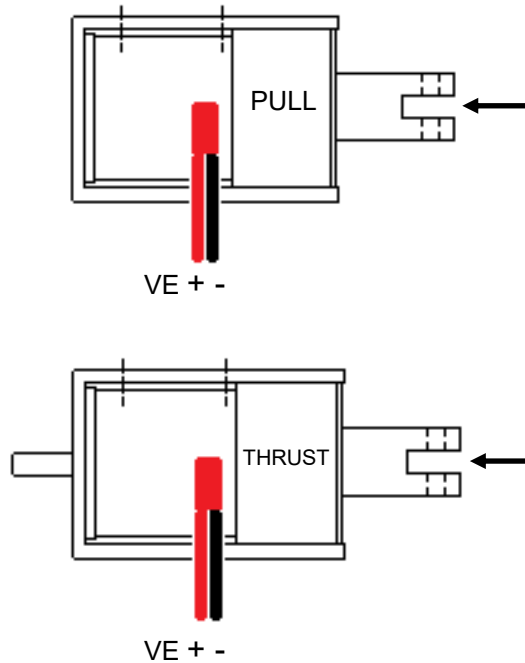




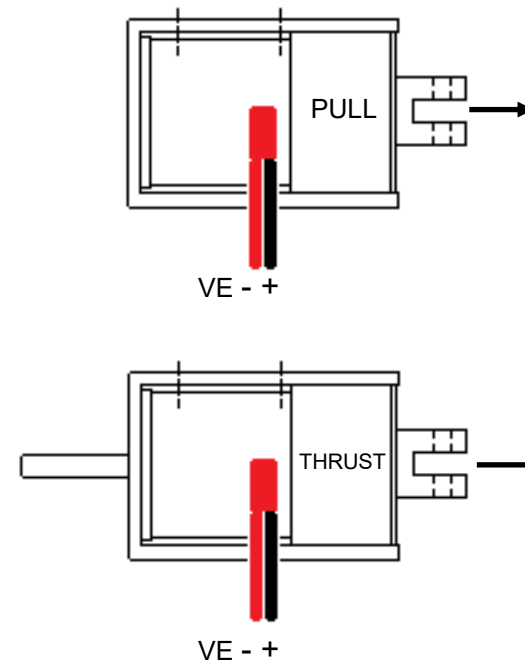
Latching Solenoid - Operating Principle

Open Position, Energise Solenoid



The plunger is in the starting position (open), free or maintained by an external force. Coil energised, plunger closes pulling or pushing (thrusting) the mechanism. Pulse finishes and permanent magnets hold the plunger closed

Closed Position, De-Energise Solenoid



Coil energised with a lower voltage reverse polarity pulse. Plunger returns to starting position (open). A return force is required for this operation. (ie return spring)