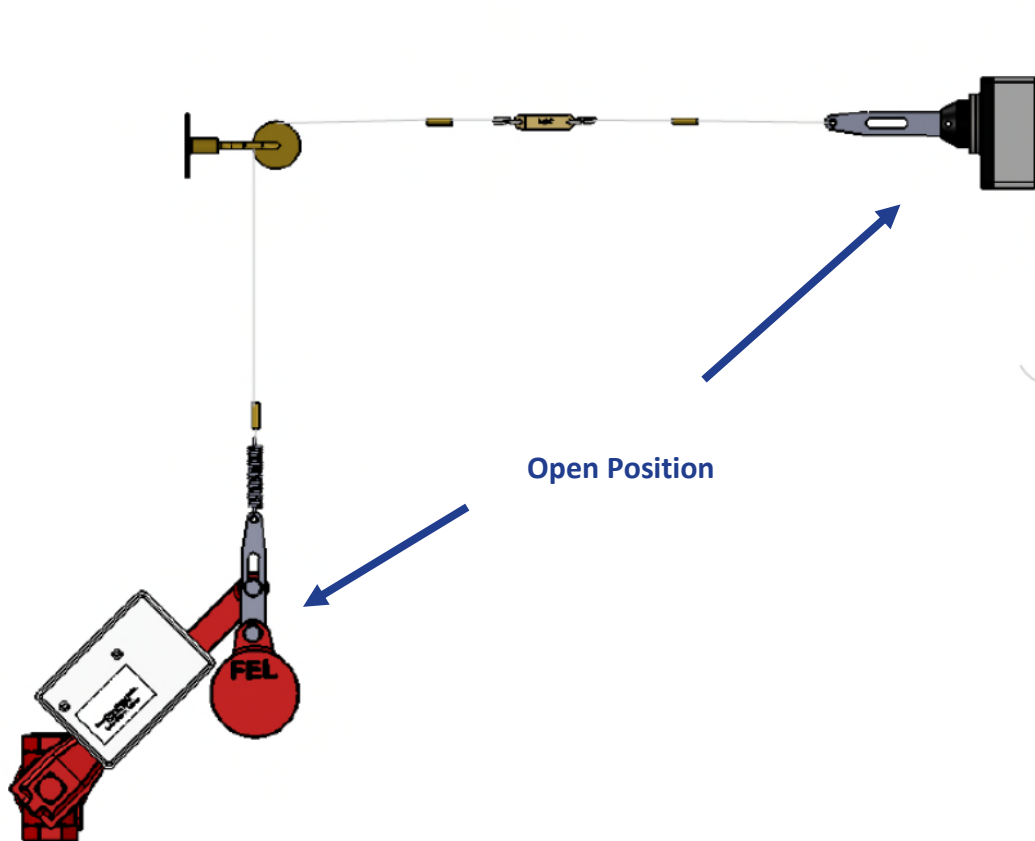


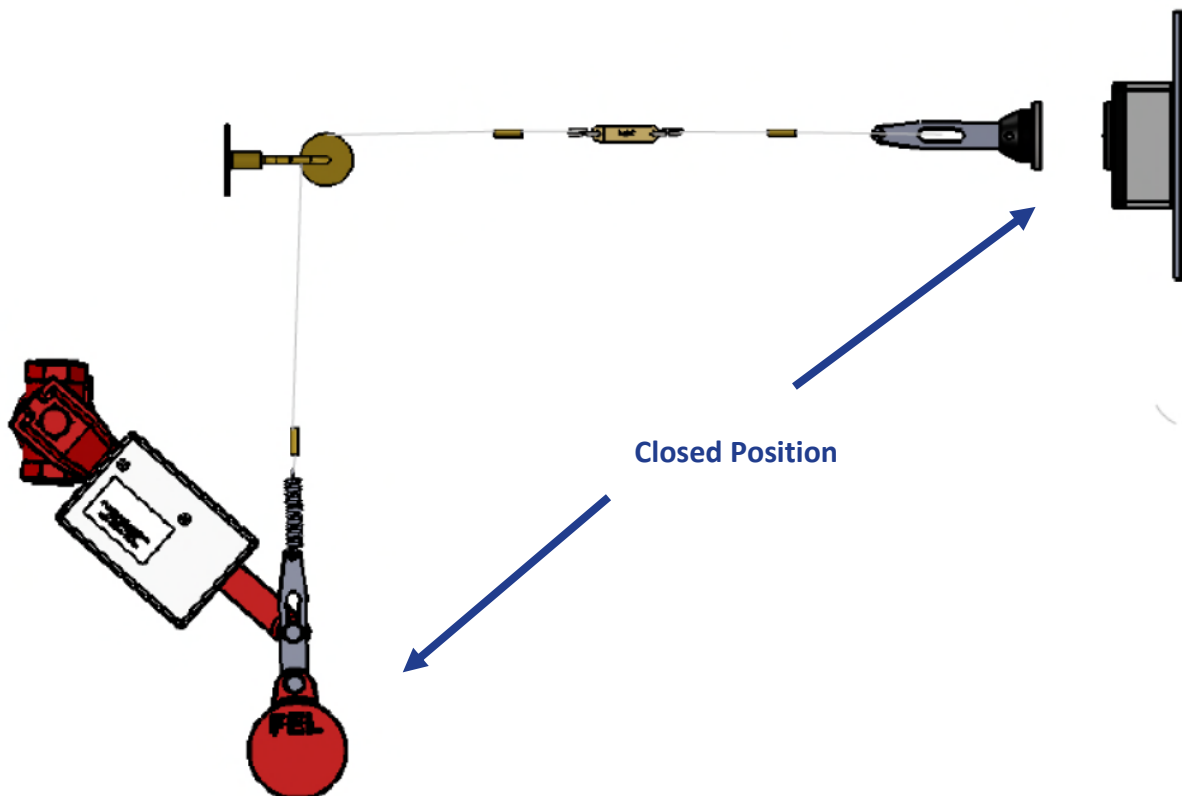
E-Mag & E-Mag 2 – Electro-Magnetic Quick Release (SQR Type Device)

- ▶ The E-Mag and E-Mag2 Electromagnetic quick release mechanisms are for use with electrically actuated fire valve systems. They provide instant release of Free Fall Fire Valves when de-energised, making them the ideal method for remote fire valve closure.
- ▶ The E-Mag is a standard electromagnet, which will de-magnetise on loss of power, the E-Mag2 version has inbuilt auxiliary volt free changeover contacts, which signal valve status.
- ▶ Both E-Mag and E-Mag2 may be installed as 'wall mounted' or 'direct mounted'.
- ▶ Wall mounted E-Mag or E-Mag2 installations can be designed to release a stainless steel fire valve cable, which can be used in the normal way with pulley wheels and fusible link, by using an interface which will isolate a fuel supply in the event of a Fire Alarm or other means of control input by de-energising the electromagnet. Similar to the way in which an automatic fire door closes in the event of a building fire alarm. However, the system still incorporates a fusible link, providing a mechanical means of fire valve shut off as well as electrical control.



- ▶ Direct mounting installations have the E-Mag or E-Mag2 sited directly above the fire valve and do not incorporate a fusible link in the system, but rely upon electrical control only.
- ▶ Both E-Mag & E-Mag2 version include a 'Push to test' facility and have 40Kg electromagnetic holding power as standard.

Wall mounted E-Mag or E-Mag 2 Electromagnetic Release used with soldered fusible link for electrical control with mechanical fusible link local fire protection



Electro Magnetic Valve Release Mechanisms	
20-162	24V DC Emag
20-163	110V AC Emag
20-164	230V AC Emag
20-165	24V DC Emag2 c/w Volt Free Contacts
20-166	110V AC Emag2 c/w Volt Free Contacts
20-167	230V AC Emag2 c/w Volt Free Contacts