

Fusible Plug

Emergency Shutdown Device



The SVF Fusible Plug features a heat activated fusible alloy element integrated with a threaded metal cylinder body to offer a non-reclosing form of pressure relief. When pre-determined temperatures are reached, the Fusible Plug is activated, allowing for the fusible alloy to melt away, and offering a channel for relief.

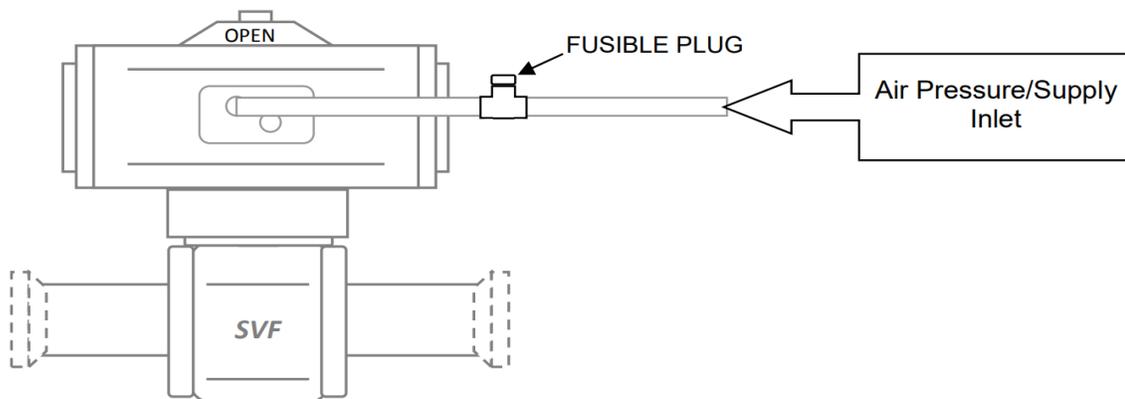
FUSIBLE PLUG DESIGN FEATURES

- ✓ Max Pressure: 500 psig (3,440 kPa)
- ✓ Melting Point: 165°F or 212°F
- ✓ Material: Brass or Stainless Steel
- ✓ Thread: 1/4" NPT



OPERATION

The Fusible Plug is installed as a Tee assembly on a supplied airline, connected to a spring return pneumatic actuator, as shown on the image below. Depending upon the selected temperature, the fusible alloy element will melt away and divert the supplied air and the actuator pressure to the atmosphere. This will allow the actuator to drive the valve to the predetermined "Emergency Shutdown" position.



HOW TO ORDER:

Part Number	Material	Melting Temperature	NPT
FPB-1	Brass	165°F	1/4"
FPB-2	Brass	212°F	1/4"
FPS-1	Stainless Steel	165°F	1/4"
FPS-2	Stainless Steel	212°F	1/4"

