

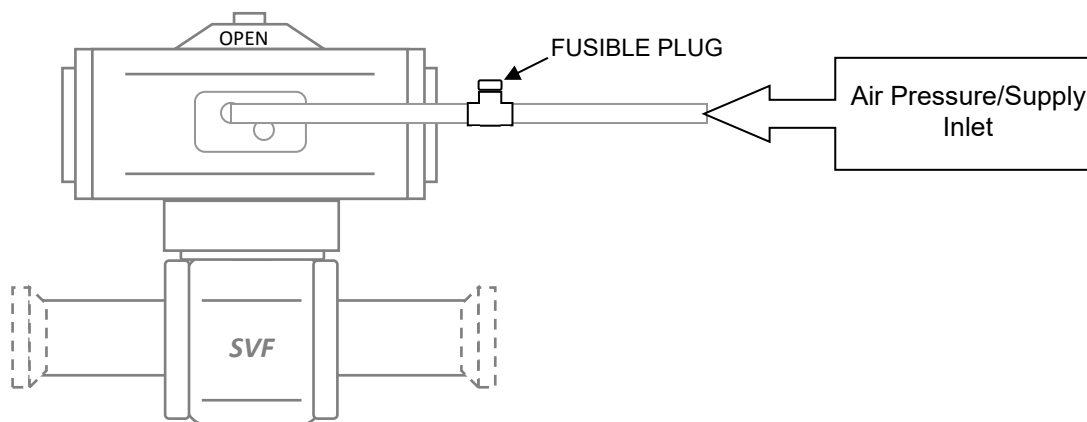
## Fusible Plug Option for Spring Return Pneumatic Actuators

Nº. 2001

The **SVF ESD (Emergency Shut Down) device** is a heat actuated fusible plug that is installed as a Tee assembly into the supplied airline to a Spring Return pneumatic actuator, as shown in the image below.

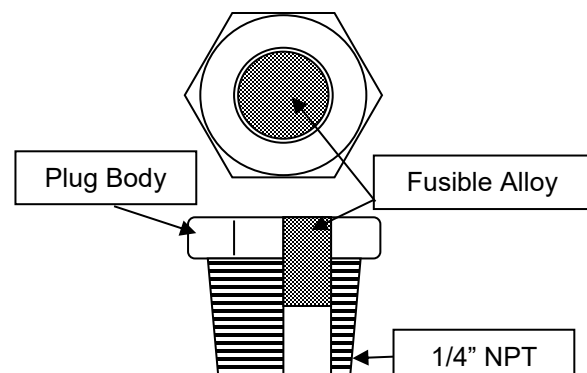
Depending upon the selected temperature, the “FP” element will melt and divert the supplied air and the actuator pressure to the atmosphere.

This will allow the actuator to drive the valve to the predetermined “Emergency Shutdown” position.



Fusible plug devices are limited in applications where the service pressure does not exceed 500 psig (3,440 kPa). The fusible plug devices are available in brass or stainless steel construction and are available in design temperatures listed in the table below.

<u>Part Number</u>	<u>Materials</u>	<u>Temperature</u>	<u>NPT</u>
FPB-1	Brass	165 °F	¼"
FPB-2	Brass	212 °F	¼"
FPS-1	Stainless Steel	165 °F	¼"
FPS-2	Stainless Steel	212 °F	¼"



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