

## FUSIBLE PLUG FOR PNEUMATIC ACTUATORS



### Theory of Operation

BI-TORQ Valve Automation's fusible plug is designed for spring return pneumatic actuators automating crucial process valves that require closure in case of a fire. Excessive heat from a fire causes the brass fusible pipe plug to open, allowing air to exhaust from the pneumatic actuator and causing the spring force to close the valve to stop media flow. BI-TORQ's fusible plug is ideally used in conjunction with an API607 fire safe valve with graphoil seals made to withstand high heat.

### Standard Features

1/4" NPTF x NPTF pipe to pipe connection  
Brass construction (all SS optional)  
Maximum Tee Pressure @ 72 °F: 3200 PSI  
Maximum Fusible Plug Pressure: 500 PSI  
fittings meet ASTM B124, ANSI B1.20.3 and ASME B1.20.3  
Available temperatures: 135 °F, 165 °F, 212 °F, 286 °F, 350 °F and 370 °F

### Other Fire Safe Valve Products from BI-TORQ Valve Automation



*API 607 Fire Safe  
Ball Valves*



*FM-Approved Fusible  
Link Assemblies*



*Pneumatic and Electric  
Valve Actuators*