Fusible Link Valves

Lock-Out Kits

Spring Return Handles

Fire Safe Valves
FUSIBLE LINK ASSEMBLIES
Bi-TORQ® Valve Automation is a leader in the design and manufacture of high-quality automatic shut off assemblies in case of fire. Our customized fusible link shut-off valves (also referred to as “thermal shut-off valves”) are ideal for any pipeline handling flammable liquids, oils or gasses. With OSHA, Factory Mutual (FM) and insurance companies requiring that automatic shut-off valves be used with flammable media, fusible link valves are a crucial component in any modern safety system.

FUSIBLE PLUG FOR PNEUMATIC ACTUATOR
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 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. Our fusible plug ideally is used in conjunction with an API 607 fire safe valve with graphoil seals made to withstand high heat.

FIRE SAFE VALVES
Our high-quality fire safe valves are certified to rigorous API 607 standards. The high-performance design and graphoil seals make Bi-TORQ® Valve Automation’s automated and manual fire safe valves an ideal choice for flammable media. With both carbon steel and stainless steel construction options along with a range of seat/seal materials, we have fire safe valves for virtually any application. End connections are available in threaded (NPT), socket weld and 150# ANSI flanged.

SPRING RETURN DEADMAN HANDLES
Bi-TORQ® Valve Automation’s spring return “deadman” handles will help you meet OSHA requirements or plant specifications where a manual valve must return to a designated position after operation. Unlike a standard lever handle or gear operator that remains in the last position, these handles ensure that the valve will always spring return to its original starting position. Our ISO model direct mounts to most ISO 5211 quarter-turn valves or we can manufacture mounting kits to fit virtually any valve.

LOCK-OUT KITS
Besides our standard lock-out kits for manual valves, we also have created a unique lock-out device for automated ball and butterfly valves. These are used in critical applications where a valve must not be accidentally actuated. These kits include a customized bracket and coupler machined for the specific valve and actuator, along with a heavy-duty locking pin that secures the coupler in place. This will keep the valve in a pre-designated open or closed position until the locking pin is removed.

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