Butterfly Valve Switch Installation

Design Requirements

The Fivalco grooved butterfly valve should be connected to the piping system with approved couplings or flange adapters. Flow may be from either direction, and the valve may be positioned in any direction.

Fivalco butterfly valves have been designed with a slow close hand wheel operator which effectively minimizes water hammer. These valves feature minimum flow restriction and pressure loss when in the fully open position.

Care & Maintenance

Fivalco butterfly valves require no regular maintenance. However, it is advisable to inspect and verify proper operation of the unit annually or in accordance with the authority having jurisdiction.

The inspection should include a visual check for leakage at the valve pipe connection and body to operator connection. Inspection and maintenance should be performed by a qualified inspection service.

Switch Installation

Fivalco butterfly valves are provided with internal supervisor position switches. The tamper switch operates by cam connected to the valve stem. The switch will change position and close within two (2) full turn of the hand from the fully open position.

Switch #1
- For connection to the supervisory circuit
- Normally closed: 2 Red
- Normally open: 2 Yellow
- Common: 2 White

Switch #2
- Auxiliary switch connected per authority
- Normally closed: 1 Orange
- Normally open: 1 Blue
- Common: 1 Black
- Ground Lead: 1 Green

Note: 1. Rated: 5A-1/6HP-125/250V