Field repair by other than factory personnel is not recommended. Consult factory before attempting any repairs. Tamper resistant tools are required. Limited internal parts are available.

All replacement parts must be obtained from the manufacturer to assure proper operation of the valve, and to maintain agency approval of the device.

Wiring Methods: Wiring methods shall be in accordance with National Electrical Code, Part 1, Safety Standard for Electrical Installations, Section 32.

A WARNING: Metallic conduit required by NEC for proper grounding. Conduit joint must be sealed with conductive sealant. Install switch in accordance with National Electrical Code, and/or local ordinances. Wiring methods shall be in accordance with CSA C22.1, Canadian Electrical Code, Part 1, Safety Standard for Electrical Installations, Section 32.

Prior to installation of Supervisory Switches in fire protection systems refer to the following standards:

- NFPA 13: Standard for the Installation of Sprinkler Systems
- NFPA 35: Inspection, Testing, and Maintenance of Water Based Fire Protection Systems
- NFPA 70: National Electrical Code

CAN/ULC-S524: Standard for Installation of Fire Alarm Systems

Note: The switch must be installed in such a manner so that closing 20% of the valve or a maximum of 4 revolutions will cause the switch to change status. Verify this after setting limits.

KVOS-2 FOR KSRW/KSRWHP 3”-12”

Supervisory Switch

- Blue

From Listed Alarm Panel

End of Line Device or Next Valve

Yellow

Brown

Green

Auxiliary Switch

- Blue/Orange

Blue

Brown

Yellow

Wiring Notes: Connection to power limited circuitry is required.

Auxiliary switch is for supplemental use only, and shall not be used for fire alarm signaling applications.

Switches are checked at factory, check continuity with valve fully open, switches activate within two turns from open.

FIELD SERVICE OF INSTALLED SWITCH:

- Ensure all devices are properly grounded.
- Supervisory switches for field service of installed switch.
- Install switch in accordance with National Electrical Code, Part 1, Safety Standard for Electrical Installations, Section 32.