**Weatherproof Explosion Proof Supervisory Switch for OS&Y Valves**

Explosion proof valve supervisory switches shall be furnished and installed on all OS&Y type valves located in areas classified as hazardous and subject to moisture that can be used to shut off the flow of water to any portion of the fire sprinkler system, where indicated on the drawings and plans and as required by applicable local and national codes and standards.

The switch enclosure shall be UL Listed and CSA Certified and NEMA 4, 4X, 6, 6P, and 13 rated for hazardous locations classified as Class I, Division 1 and 2, groups C and D and Class II, Division 1 and 2, groups E, F and G and capable of being mounted in any position indoors or outdoors. The enclosure shall contain two ¾ - 14 NPT threaded openings for conduit connection. The mounting bracket of the device shall be coated to resist corrosion and knurled to prevent slippage on the valve yoke. All mounting hardware shall be stainless steel. The device shall contain an adjustable length trip rod, the trip rod shall be held captive by a set screw accessible without removal of the cover. The switch contacts shall be rated at 15.0A, 125/250VAC and 0.5A, 125VDC.

Weatherproof Explosion Proof OS&Y Valve Supervisory Switch shall be model OSYSU-EX-O manufactured by Potter Electric Signal Company LLC.