**Pressure Supervisory Switch Test Manifold for Dry Pipe and Preaction Systems**

A completely pre-assembled supervisory pressure test manifold shall be furnished and installed on the system side of a check valve located at the system pressure connection of each dry pipe valve and preaction system and where indicated on the drawings and plans and as required by applicable local and national codes and standards.

The manifold shall be manufactured of galvanized pipe and shall consist of a UL, CUL Listed / FM, LPCB Approved and CE Marked high / low pressure supervisory switch, ½” BVL bleeder valve, and 3 ½” gauge with 0-80 psi scale with retard up to 250 psi. The bleeder valve shall be in line with the pressure switch and gauge.

Closing the BVL shall isolate the pressure switch and gauge from the supply pressure maintaining the integrity of the system pressure while simultaneously venting the pressure at the switch and gauge allowing the trip point of the pressure switch to be observed on the gauge. Opening the BVL re-introduces system pressure back to the pressure switch and gauge allowing the pressure switch to restore to a normal condition.

The Test Manifold shall be a model PS40-TM manufactured by Potter Electric Signal Company LLC.