

## **Installation Instructions for Potter Control Valve Supervisory Switch (PCVS) with Application on UWP Vertical and Wall Indicator Posts**

- 1) Ensure that the Post Indicator Open/Shut indicators are adjusted for the proper valve size.
- 2) Remove MPT plug from the UWP Indicator Post.
- 3) Rotate hand-wheel so that the “Open” indicator is centered in the indicator viewing window. The “Open” indicator side bolt should be visibly centered when viewed through the FPT tapped hole.
- 4) Remove the cover from the PCVS using the tool provided.
- 5) Loosen the Socket Head Screw on the side of the PCVS. The MPT nipple will then be removable. Install the MPT nipple into the FPT tap on the UWP Indicator Post. Tighten the locknut.
- 6) Loosen the Trip Rod Locking Screw until the Trip Rod slides freely. Ensure that the Trip Rod is pointing in a downward direction.
- 7) At the interior end of the Trip Rod (black), depress the Trip Rod until the switch is actuated (double-click). Guide the exterior end of the Trip Rod (metal) through the MPT nipple until the Trip Rod makes contact with the Open/Shut indicator assembly, while looking through the MPT nipple to ensure that the Trip Rod is positioned *underneath* the “Open” indicator side bolt. Gently push the PCVS toward the UWP Indicator Post until the nipple is fully bottomed out inside the PCVS body.
- 8) While holding the PCVS in one hand, turn the hand-wheel to the right until the switch is released (double-click). This should be accomplished within 2-turns or 1/5 of the total number of turns required to open/shut the valve. Turn the hand-wheel back to the left until the switch is actuated (double-click) and the “Open” indicator is centered in the viewing window. This step ensures that the PCVS is installed and functioning properly.
- 9) Tighten the Socket Head Screw. Tighten the Trip Rod Locking Screw. Repeat the procedure in step 8 to double-check the proper installation and function of the PCVS.
- 10) For additional installation details, please refer to the PCVS installation guide ([http://www.pottersignal.com/Sprinkler/pdf/5400980\\_PCVS.pdf](http://www.pottersignal.com/Sprinkler/pdf/5400980_PCVS.pdf)).