TECH BULLETIN 121

Use Pathway Model PWY-400-S04 to connect to SP3 Flow sensors

Creative Sensor Technology's Pathway wire sharing system is now available as Model number PWY-400-S04 to connect CST three wire, scaled pulse output (SP-3) flow sensors to control devices. This new version allows the output signal which may be as slow as one pulse per minute to be transmitted to the receiving control device with a straightforward one pulse in = one pulse out regardless of the time interval between pulses.

Product Differentiation

The Controller Module is a model PWY-400-C02 featuring identical hardware to the standard PWY-400-C01 module. However it can be distinguished by the LED boot-up sequence. When power is first applied to this model, all LEDs blink in a more rapid five pulse sequence than the standard model.

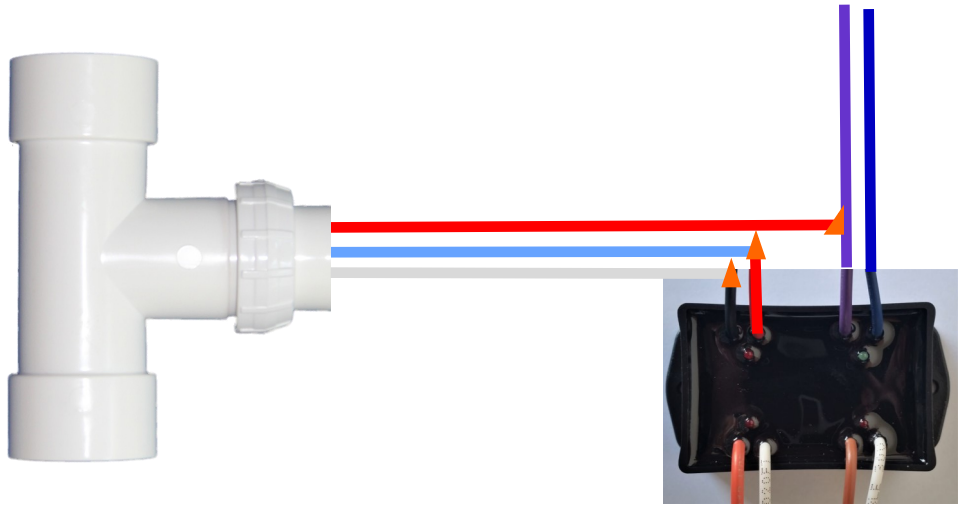
Standard Controller Modules may be reprogrammed by CST to accommodate the SP3 sensors

The Field Module used in this application is the PWY-400-F01with the standard firmware

WIRING INSTRUCTIONS

Wiring instructions are exactly as shown in the Pathway Installation Guide with one exception:

The SP-3 Flow Sensor has three leads and must be wired as follows:
Flow Sensor White Lead attaches to the Field Module Black lead
Flow Sensor Blue Lead attaches to the Field Module Red Lead
Flow Sensor Red lead attaches to the Field module Purple lead along with the existing field wire that serves as the Network Power wire.



FSI-T20- SP-3

Pathway FM

Creative Sensor Technology, Inc.
www.creativesensortechnology.com
Ph: 508-763-8100

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