

Merry Christmas & Happy New Year!

Pyromation will be closed for the holidays on Wednesday afternoon, Thursday & Friday, Dec. 24-26, 2014; and Wednesday & Thursday, Dec. 31, 2014 - Jan. 1, 2015.

// New 662 Dual-Input Transmitter Offers Backside Wiring Access and XP Rating Option



Pyromation has added a new dual-input temperature transmitter to its line. The 662 is a fully programmable HART® protocol transmitter, with an option for a digital display face and either a General-Purpose (GP) or Exposition-Proof (XP) aluminum housing. This transmitter is a step up from the T-82 because of its rugged design, larger digital display showing more information, optional XP housing and removable rear access wiring plate. Like the T-82, this transmitter accepts RTD, thermocouple, resistance (Ohm) and voltage (mV) inputs and converts them to a scalable (4 to 20) mA analog signal. These transmitters are in stock and available now. For more information, please visit the Pyromation Web site and look for the 662 TM catalog pages in the "Transmitter Index" under the "Literature" tab in the "Catalog" section.

This is the latest issue of the Pyromation e-newsletter that will keep you posted on industry news and current happenings related to our company. Please feel free to forward to your staff & customers. If you know of anyone else in your organization who should receive this e-newsletter, please forward their e-mail address to sales@pyromation.com.

// Product Training at Pyromation in 2015



Pyromation has established two product training sessions at our Fort Wayne facility for 2015. The two-day sessions are scheduled for April 22-23 and October 28-29. These training sessions include plant tours and in-depth training regarding types of temperature sensors and how they are used. To sign up, please contact Michelle Honeycutt at michelle@pyromation.com or call (260) 484-2580.

// Update: Additional Approvals for Pyromation XP Connection Heads

Option 93 aluminum and 94 stainless steel XP connection heads have updated ratings:

CSA/FM -
Class I Division I & II; Groups A,B,C,D; DIP Class II Division I; Groups E,F,G; Class III; Type 4/4X

CSA -
Canada NEC Zone Approval: Ex IIC Gb; Ex tb IIIC Db; IP66
U.S. NEC Zone Approval: Class I Zone AEx d IIC Gb; Zone 21 AEx tb IIIC Db; IP66

// Access Installation, Operating & Programming Instructions Online

When you or your customer need a little help understanding how to install a flanged thermowell sensor assembly, or how to program a Pyromation transmitter, assistance is now available 24/7 via online instructional videos and manual files. Pyromation has posted the first in a series of instructional videos and manuals that are designed to

Installation and Operating Instructions

Spring-Loaded MgO Thermocouple/Thermowell Assemblies with Connection Heads (DP94, XP94, XP95)

Flanged Connection

1. Make sure the process fitting meets the maximum specified process pressure requirements.
2. If the control part of the connection head of the sensor assembly does not fit on right control pipe, make sure the unit has a union fitting, which will allow for adjustments (not necessary if using flexible conduit).
3. When installing a flanged thermowell sensor assembly, slip the thermowell part of the unit into the affixed flange (see flange holes and flange mark). Make sure installation is done in a vertical sense (see note).

Welded Connection

1. Check to make sure the thermowell control method (the flange or connection head) is not installed on any aluminum or stainless steel piping (aluminum or stainless steel can not be used for connection).
2. Remove the sensor assembly from the thermowell.
3. Slide the sensor assembly between flange and allow to seat.
4. Bend the sensor assembly between flange with TIG tape.
5. Reinsert the sensor assembly into the thermowell. Slip the probe inside the sensor, ensuring that the tip of the spring loaded assembly touches the probe base when the unit has been inserted (see note).
6. If the control part of the connection head of the sensor assembly does not fit on right control pipe, make sure the unit has a union fitting, which will allow for adjustments (not necessary if using flexible conduit).

assist with recommended installations, operations and programming for company products. The first video provides simple directions for programming the Pyromation 440 transmitter, while the first two installation & operating manuals provide instructions for installing spring-loaded thermocouple and RTD/Thermowell assemblies with connection heads. Both the manuals and the video can be found on the Pyromation Web site in the "Instruction Manuals" section under the "Technical" tab. The video can also be found online via YouTube. Additional instructional tools are being developed and will be posted in the coming months.