Taking Measure
The latest news and information from Pyromation

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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.

// Pyromation Temperature Transmitter Update



Pyromation is transitioning it's existing line of temperature transmitters to updated models. Each existing transmitter is being repleced by an updated model that will have equal or greater capabilities. This transition is taking place over the next few months as existing models are depleted from stock and replaced by the updated models. Beginning on January 2, 2024, the updated Pyromation Product Catalog, Website and Configurator will only show the new models. The series 450 transmitter did not change. The new models and basic specs are shown below.



T31 (replaces the 440)

- Updated electronics, new DIN form B shape
- PC programmable for converting resistance (RTD) input signal into a scalable (4 to 20) mA analog output signal
- Accepts 2- 3- or 4-wire RTD inputs
- CSA compliant for ordinary locations for U.S. & Canada
- CSA certified for use in specified hazardous locations



T71/with display (replaces the 441)

• Updated electronics, same shape & size as 441

• PC programmable for converting RTD, Thermocouple, resistance & voltage inputs into a scalable (4 to 20) mA analog output signal

• Optional display with direct or remote mount housing

• Expanded approvals, including CSA-rated Intrinsically Safe & Exposion-Proof for Hazardous Location configurations



T72/direct mount (replaces the 442)

• Updated electronics, same shape & size as 442

• PC programmable for converting RTD, Thermocouple, resistance & voltage inputs into a scalable (4 to 20) mA analog output signal

• Optional display with direct or remote mount housing

• Expanded approvals, including CSA-rated Intrinsically Safe & Exposion-Proof for Hazardous Location configurations

• HART® 7 protocol

• Optional Bluetooth® Configuration



T82/remote mount (updated Hazardous Location approvals)

• Two input channels for converting various RTD, Thermocouple, resistance or voltage inputs into a scalable (4 to 20) mA analog output signal

• Optional display with direct or remote mount housing

• Expanded approvals, including CSA, ATEX & IECEx-ratings for Hazardous Location configurations

• Optional SIL rating for critical applications

• Programmable w/HART® 7 protocol for various inputs

T142 (replaces the 642)



- PC programmable for converting various RTD, Thermocouple, resistance or voltage inputs into a scalable (4 to 20) mA analog output signal
- Optional display with direct or remote mount housing
- Optional Bluetooth® Configuration
- Expanded approvals, including CSA, ATEX & IECEx-ratings for Hazardous Location configurations
- Programmable w/HART® 7 protocol for various inputs

More detail is available in the transmitters section of the Pyromation Product Catalog (click here). If you have any further questions, please contact your Pyromation regional sales manager.

// Speed, Service, Solutions...Beyond Measure

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