

The T71 programmable temperature transmitter is a 2-wire transmitter with an analog output. It has measurement input for resistance thermometers (RTD) in 2-, 3- or 4-wire connections, thermocouples, resistance and voltage inputs. Setting up of the transmitter is done using the communication cable. These small units can be mounted in Pyromation DIN (Form B) connection heads or they can be used for surface mounting by using a 35 mm DIN-rail mounting clip.

TEMPERATURE HEAD TRANSMITTER

Universal head transmitter for resistance thermometers (RTD), thermocouples, resistance and voltage inputs, programmable using a PC, for installation in a sensor head (Form B)



Features and Benefits

- PC programmable temperature transmitter for converting various input signals into an scalable (4 to 20) mA analog output signal
- Universally programmable for Input types:
 - Resistance thermometer (RTD)
 - Thermocouple (TC)
 - Resistance (Ω)
 - Voltage (mV)
- High Accuracy in total ambient temperature range
- Fault signal on sensor break or short circuit
- Optional Display with direct mount or remote mount housing
- **CE** Marked meets EMC and ROHS Directive
- **UL** For use in ordinary locations for US and Canada meets 61010-1
- Galvanic isolation
- **IEC** Intrinsically safe for hazardous locations
 - Ex ia IIC T6...T4Ga
 - Ex ia IIC T6...T4Gb
 - Class I, Zone 0, AEx ia IIC T6...T4Ga
 - Class I, Zone 1, AEx ia IIC T6...T4Gb
 - IS Class I, Division 1, Groups A,B,C,D T6...T4
 - IS Class I, Division 2, Groups A,B,C,D T6...T4
- **IEC** Explosion-proof for hazardous locations
 - With 79 enclosure
 - Class I, Division 1, Groups A,B,C,D; T6...T4
 - Class II, Division 1, Groups E, F, G; Class III