Configuration Code TM01
T31 Programmable
RTD Temperature Transmitter

The T31 programmable RTD temperature transmitter is a 2-wire transmitter with an analog output. It has measurement input for Pt100 and Pt1000 resistance thermometers (RTD) in 2-, 3- or 4-wire connections. Setting up of the transmitter is done using the communication cable. These transmitters can be mounted in Pyromation connection heads or they can be surface mounted by using a 35 mm DIN-rail mounting clip.

TEMPERATURE HEAD TRANSMITTER

Universal head transmitter for Pt100 and Pt1000 resistance thermometers (RTD), programmable using a PC, for installation in a sensor head.



Features and Benefits

- PC programmable temperature head transmitter for converting the resistance input signal into a scalable (4 to 20) mA analog output signal
- Platinum resistance thermometer (RTD)
- Online configuration using PC with communication cable
- Universally PC programmable for Pt100 and Pt1000 signals
- 2-wire technology, (4 to 20) mA analog output
- High accuracy in total ambient temperature range
- Fault signal on sensor break or short circuit
- CE mark meets EMC Directive
- For use in ordinary locations for US and Canada meets 61010-1
- For use in hazardous locations
  Ex ec IIC Gc
  Class I, Zone 2, AEx ec IIC Gc
  Class I, Division 2, Groups A, B, C, D
- All materials are RoHS compliant