The SERIES TTW Immersion Temperature Transmitter offers a field adjustable temperature transmitter pre-assembled with an RTD sensor and weatherproof enclosure.

FEATURES/BENEFITS
- Preset to 32 to 212°F (0 to 100°C) output range
- USB port for easy output scale adjustment in the field

APPLICATIONS
- Immersion temperature sensing in HVAC systems

SPECIFICATIONS
- TEMPERATURE SENSOR
  - Accuracy: ±3°F (±1.7°C).
  - Temperature Limits: Operating: -40 to 328°F (-40 to 180°C).
- TEMPERATURE TRANSMITTER
  - Input Range: -328 to 986°F (-200 to 530°C).
  - Output: Two-wire 4 to 20 mA.
  - Output Impedance: 600 Ω @ 24 VDC.
  - Power Requirements: 12 to 35 VDC.
  - Accuracy: ±0.2% FS.
  - Temperature Limits: -40 to 185°F (-40 to 85°C).
  - Response Time: <100 ms.

ENCLOSURE
- Temperature Limits: -40 to 212°F (-40 to 100°C).
- Rating: NEMA 4X (IP65).
- Material: Painted aluminum housing.

Machined Thermowell

The SERIES 650 Temperature Transmitter is ideal for a wide variety of HVAC, industrial and commercial multi-point temperature monitoring applications. Three models are stocked in popular ranges factory calibrated within 0.3% of span.

FEATURES/BENEFITS
- Field adjustable span
- Low profile transmitter housing
- Non-polarized wiring

APPLICATIONS
- HVAC system monitoring

SPECIFICATIONS
- Input: Silicone-junction transistor.
- Output Signal: 4 to 20 mA DC.
- Power Requirements: 12 to 35 volts DC.
- Accuracy: ±0.3% FS @ 20°C (68°F).
- Linearity: Within 0.25% of span.
- Thermal Drift: Less than 0.5% of span over ambient temperature range of 0 to 50°C (32 to 122°F).
- Probe Construction: 6” long, 0.25” OD Type 304 SS.
- Temperature Limits: Ambient: 0 to 70°C (32 to 158°F).
- Temperature Ranges (Probe): 204°C (400°F).
- Probe Cable Length: 7 ft (2.1 m).
- Voltage Stability: Output error less than 0.01% of span over the specified supply voltage range.

ACCESSORIES
- Model Description
  - A-325 Duct mounting kit with flange, fitting and hardware

OPTIONS
- Use order code: Description
  - NISTCAL-TT1 NIST traceable calibration certificate