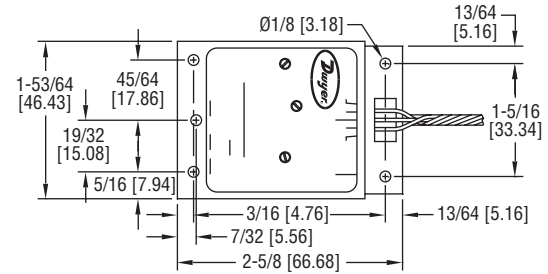
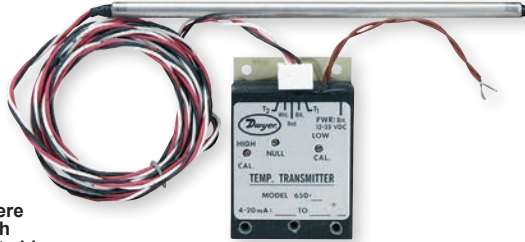


# TEMPERATURE TRANSMITTER

4 to 20 mA Signal, Two Wire Operation, Temperatures from -55 to 180°C



Scan here to watch product video



Temperature Transmitters

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

MODEL CHART					
Model	Range As Stocked	Low Range Limits		Span Limits	
		Min.	Max.	Min.	Max.
650-1	-23° to +10°C	-32°C	-14°C	24°C	48°C
650-2	-7° to +49°C	-12°C	+6°C	37°C	150°C
650-3	0° to +100°C	-12°C	+6°C	37°C	150°C

Consult factory for special ranges calibrated within the limits of -55°C and +180°C.

## SPECIFICATIONS

**Input:** Silicone-junction transistor.

**Output Signal:** 4 to 20 mA DC.

**Power Requirements:** 12 to 35 volts DC.

**Accuracy:**  $\pm 0.3\%$  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 Limits:** (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.

## ACCESSORY

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

## OPTION

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