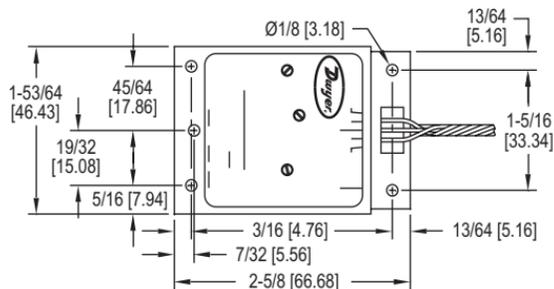


SERIES 650

TEMPERATURE TRANSMITTER

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



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: ±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.

ACCESSORIES

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

OPTIONS

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