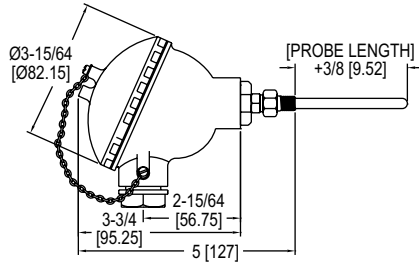


Dwyer

SERIES TTW

WEATHERPROOF IMMERSION TEMPERATURE TRANSMITTER

Pt100 RTD, PC Programmable Transmitter



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

BENEFITS/FEATURES

- Easy output scale adjustment via the USB port
- Long product life cycle with the rugged aluminum IP66 housing
- No setup for most installations with the output range preset to 32 to 212°F

APPLICATIONS

- Immersion temperature sensing in HVAC systems

MODEL CHART

Model	Probe Length
TTW-104	4"
TTW-106	6"
TTW-108	8"
TTW-112	12"
TTW-118	18"

THERMOWELLS - MACHINED

Model	Material	Length	Connection (Internal/External) (NPT)
TE-TNS-N044N-14	304 SS	4"	1/4" / 1/2"
TE-TNS-N064N-14	304 SS	6"	1/4" / 1/2"
TE-TNS-N094N-14	304 SS	9"	1/4" / 1/2"
TE-TNS-N124N-14	304 SS	12"	1/4" / 1/2"

SPECIFICATIONS

TEMPERATURE SENSOR

Accuracy: $\pm 3^{\circ}\text{F}$ ($\pm 1.7^{\circ}\text{C}$).

Temperature Limits: Operating: -40 to 302°F (-40 to 150°C).

Sensor Curves: Pt100 RTD (TE Series curve D).

TEMPERATURE TRANSMITTER

Input Range: -328 to 986°F (-200 to 530°C).

Output: 2-wire 4-20 mA.

Output Impedance: $600\ \Omega$ @ 24 VDC.

Power Requirements: 12-35 VDC.

Accuracy: $\pm 0.2\%$ 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 (IP66).

Material: Painted aluminum housing.

FREE software download: See page 132 (Series TBU-00).



Machined thermowell

• Technical Specifications and Additional Thermowell Models: See page 136 (Series TE-TNS)