



**Optional
Transmitter**

Description & Features:

- A sensitive temperature sensor designed to transmit an electronic signal to a remote location
- NEMA4 stainless steel or aluminum head
- Platinum element
- Various stem lengths available
- $\pm 0.12\%$ accuracy
- 1 year warranty

Applications:

- Remote industrial temperature sensing where temperature data acquisition and actuation is required

Specifications	
Head	Cast aluminum or SS. NEMA 4 rated
Element	Platinum, 100 Ohm, AISI 316 SS probe sheath
Temperature Range	-58°F to 390°F (-50°C to 200°C)
Pressure Rating	500 psi (3447 kPa maximum)
Connection	AISI 316 SS, 1/2" NPT
Lead Wires	AWG 22, Teflon® insulated
Accuracy	$\pm 0.12\%$ at 0°C (32°F)

Order Codes

Stem size	Head Material	Code
2.5"	Aluminum	TER11025
2.5"	SS	TER12025
4"	Aluminum	TER11040
4"	SS	TER12040
6"	Aluminum	TER11060
6"	SS	TER12060

Please contact us for:

Other stem lengths and configurations
4-20mA temperature transmitter installed and calibrated

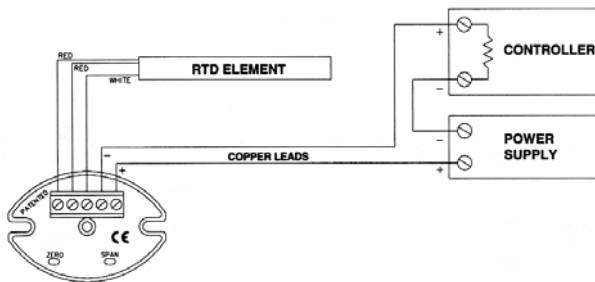
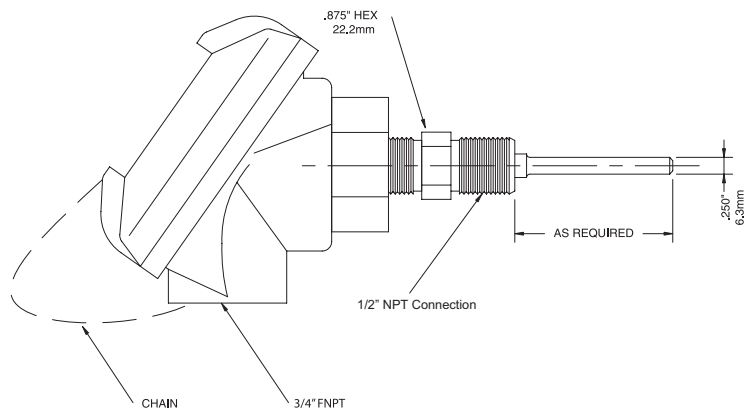
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Temperature Range Codes

Ranges			
°F only	Code	°C Only	Code
-40°F to 120°F	B14	-80°C to 50°C	B26
-40°F to 160°F	B15	-50°C to 50°C	B27
0°F to 140°F	B16	0°C to 50°C	B28
0°F to 200°F	B17	-50°C to 100°C	B29
20°F to 240°F	B18	0°C to 100°C	B30
0°F to 250°F	B19	-20°C to 120°C	B31
50°F to 300°F	B20	0°C to 150°C	B32
50°F to 400°F	B21	0°C to 200°C	B33
50°F to 550°F	B22	0°C to 300°C	B34
150°F to 750°F	B23	0°C to 450°C	B35
0°F to 800°F	B24	100°C to 550°C	B36
200°F to 1,000°F	B25	-	-

Output Options (if transmitter is required): 4-20mA

Add the temperature range code as a suffix to the order code (eg. TER12060 4-20mA B14)



Wiring:

The terminal block on the transmitter can accept 14 to 24 gauge wires. Shielded or conduit encased (twisted pair) cable is required from the transmitter to the controller, including the sensing element and lead wire

Note: Low voltage lines should be run in separate conduit isolated from high voltage or high current carrying lines