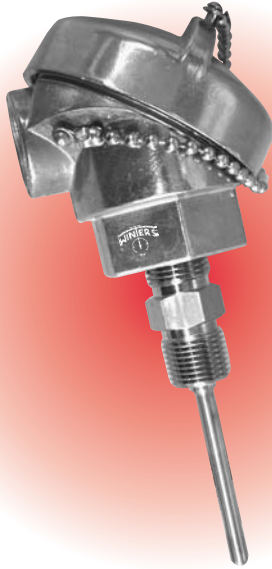


RTD's Industrial



NEMA 4

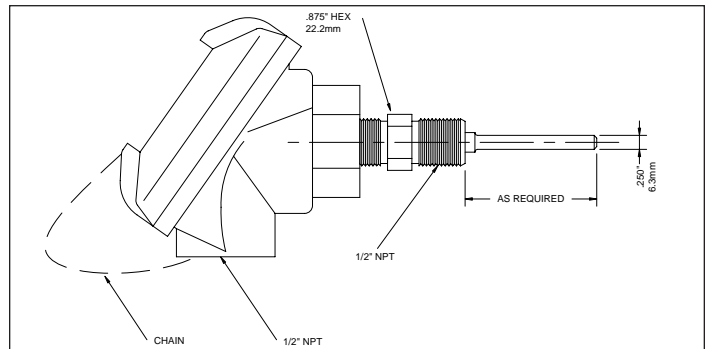


Description

Winters Resistance Temperature Detectors are used when sensitivity and application flexibility is of high priority. The platinum resistance elements are supported by high temperature glass adhesive inside a ceramic tube, providing stability, repeatability and accuracy. The Industrial RTD is, also beneficial when accurate readings are needed in various ranges. The Industrial RTD probe is available in lengths from 2 1/2" to 6" * and is made of stainless steel. The head materials are available in stainless steel or aluminum. An installed and calibrated 4-20 mA transmitter is, also, available by request. Customized stem lengths are available through custom orders.

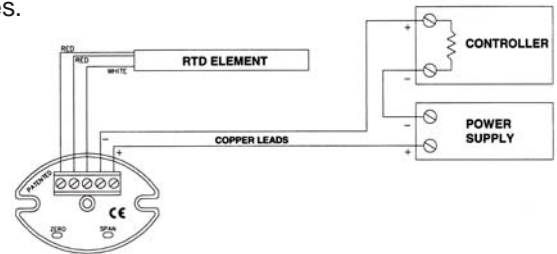
Specifications

Head:	Cast aluminum or stainless steel. NEMA 4 rated
Element:	Platinum, 100 Ohm, AISI 316 stainless steel probe sheath
Temperature Range:	-58-390F (-50-200C)
Pressure Rating:	500 psi (3447 kPa maximum)
Connection:	AISI 316 stainless steel, 1/2" NPT
Lead Wires:	AWG 22, teflon insulated
Accuracy:	0°C (32F) +/- 0.12%



Wiring

The terminal block on the transmitter can accept wire from 14 to 24 gauge. Shielded or conduit encased (twisted pair) cable is required from the transmitter to the controller, including the sensing element and lead wire. Note that low voltage lines should be run in separate conduit isolated from high voltage or high current carrying lines.



How to order: Specify product code PRODUCT CODES

Stem size	Head Material	Code
2 1/2"	Aluminum	EIA11025
2 1/2"	Stainless Steel	EIS12025
4"	Aluminum	EIA11040
4"	Stainless Steel	EIS12040
6"	Aluminum	EIA11060
6"	Stainless Steel	EIS12060

Options:

Other stem lengths and configurations are available upon request. 4-20mA temperature transmitter installed and calibrated: add the temperature range as a suffix to the product code. (eg. EIS12060 0/100°F).

Output Options (if transmitter is required)

Please add output options to product code:

4-20mA 0-5Vdc 0.5-4.5Vdc
1-5Vdc 0-10Vdc
Other outputs available



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