

RTTC-WS Ring Terminal Thermocouple Temperature Sensor

Ruggedized Ring Terminal Temperature Sensor

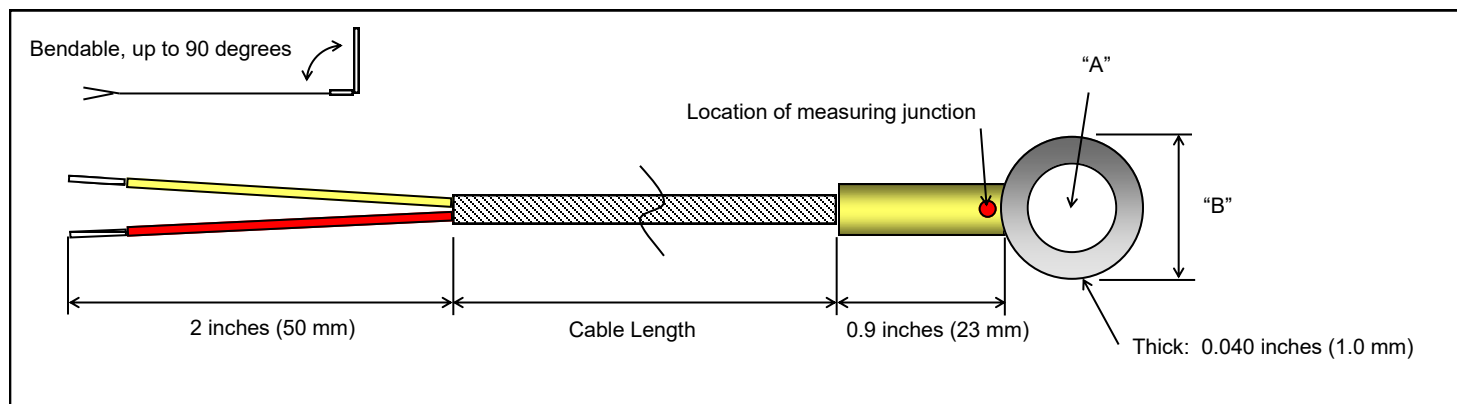
- Made with special limits of error materials
- Bolt or screw mounted
- Available with 10 mm, 12 mm, or 14 mm ring I.D.
- Made in the USA
- Designed for industrial applications



Specifications

Thermocouple type: J, K, T, or E
Max Measuring Range: 500°F (260°C)
Accuracy: Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)

Sensing Junction: Grounded or Ungrounded
Response Time*: 1500 mS
***Time Constant:** Defined as the time required to reach 63.2% of an instantaneous temperature change
 Five time constants are required to approach 100% of the step change value



Dimensions

	"A" (I.D.)	"B" (O.D.)
10 mm	10.0 mm [0.39 inch]	15.0 mm [0.59 inch]
12 mm	12.0 mm [0.48 inch]	19.0 mm [0.77 inch]
14 mm	14.5 mm [0.57"inch]	20.0 mm [0.80 inch]

Ordering Information

Model	Type	Hole I.D.	Measuring Junction	Cable Length	Cable Insulation	Connector
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	E E J J K K T T	10 10 mm 12 12 mm 14 14 mm	G Grounded U Ungrounded	072 72 inches 144 144 inches 300 300 inches	A FEP B FEP with Stainless Steel C PFA D PVC E Fiberglass (to 900°F) F High Temp Fiberglass (to 1200°F) G Kapton	0 Bare Ends 1 Mini Jack 2 Mini Plug 3 Standard Jack 4 Standard plug

Ordering Example

RTTC-WS-K-14-G072A2: Type K thermocouple, 14 mm ring I.D., Grounded, 72 inch long cable, FEP cable insulation, Mini plug connector