

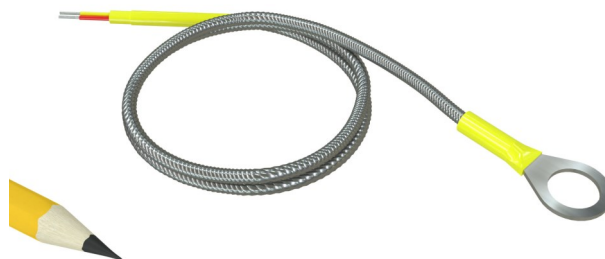
TEMPERATURE SENSOR

RTTC-WS RING TERMINAL THERMOCOUPLE TEMPERATURE SENSOR

Ruggedized Ring Terminal Temperature Sensor

FEATURES

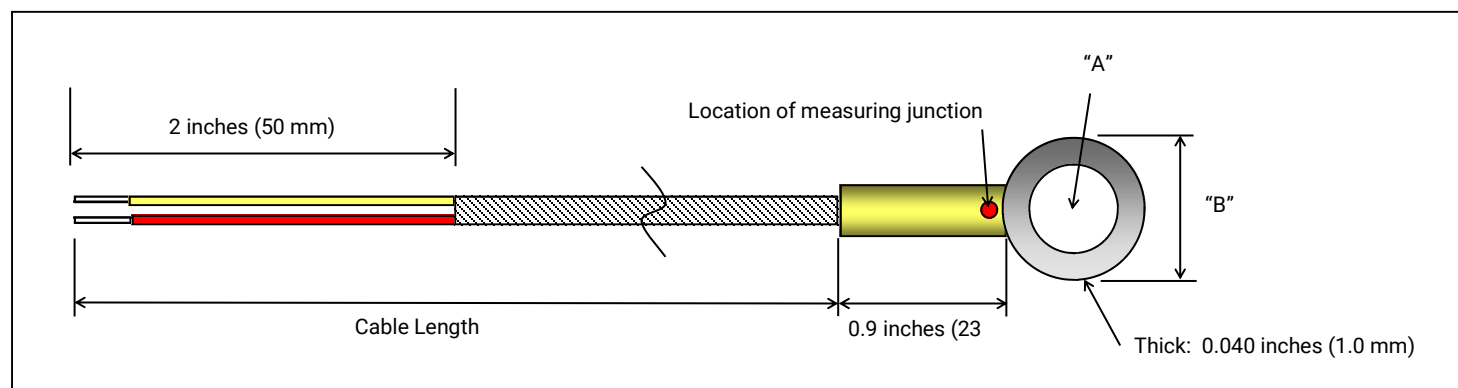
- Made with special limits of error materials
- Bolt or screw mounted
- Available with 10 mm, 12 mm, or 14 mm ring I.D.
- Made in the USA
- Designed for industrial applications



SPECIFICATIONS

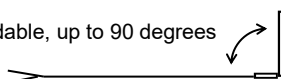
Thermocouple type: J, K, T, or E
Max Measuring Range: 400°F (204°C)
Accuracy: Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)

Sensing Junction: Grounded or Ungrounded
Response Time*: Grounded = ~1500 mS, Ungrounded = ~750 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

Bendable, up to 90 degrees



	"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.	Junction	Cable Length	Cable Insulation	Connector
RTTC-WS-	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	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 (rated to 400°F) B = FEP with Stainless Steel Over Braid (SSOB) (rated to 400°F) C = PFA (rated to 500°F) D = PVC (rated to 194°F) E = Fiberglass (rated to 900°F) F = High Temperature Fiberglass (rated to 1200°F) G = Kapton (rated to 550°F) H = Fiberglass (rated to 900°F) with SSOB I = FEP - Twisted wire, Shielded with Drain (rated to 400°F)	0 Bare Ends 1 Mini Jack 2 Mini Plug 3 Standard Jack 4 Standard Plug

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

