

Ring terminal thermocouple Series TC1



Ordering Information Part Number

① TC1	② Calibration	③ Ring Terminal Size	④ Junction	⑤ Lead wire material	⑥ Lead wire Length (In.)	⑦ Termination Style
TC1						

Optional

⑧ Special Features

② Calibration
J Type J (standard)
K Type K
T Type T
E Type E

③ Ring Terminal Size
F #6 (.147" hole size)
H #8 (.173" hole size)
M #10 (.198" hole size)
N 1/4" (.263" hole size)
P 5/16" (.336" hole size)
Q 3/8" (.393" hole size)
W 1/2" (.515" hole size)

④ Junction
G Grounded (standard)
U Ungrounded
W Grounded (Dual Junction)
Y Ungrounded Common (Dual)

⑤ Lead wire material
A Fiberglass (800°F)
B Fluoropolymer (400°F)
C Polyimide (500°F)
E High temperature fiberglass (1200°F)
F Fiberglass with stainless steel braid (800°F) (standard)
G Fluoropolymer with stainless steel braid (400°F)
H Fiberglass with armor cable (800°F)
J Fluoropolymer with armor cable (400°F)
K Polyimide with armor cable (500°F)
L High temperature fiberglass with armor cable (1200°F)
M Fiberglass with stainless steel braid with armor cable (800°F)
W Fluoropolymer with stainless steel braid with armor cable (400°F)
Note Wire gauge based on sheath diameter

⑥ Lead wire length (In.)
006"-600" Specify in Inches
Note Over 600" contact factory

⑦ Termination style
A 2" stripped leads (bare ends)
B 2" stripped leads w/ spade lugs
C Standard male plug (400°F)
D High temp male Plug (660°F)
E Max temp male Plug (800°F)
G Solid pin plug (400°F)
H Standard female jack (400°F)
J Miniature plug (400°F)
K Miniature jack (400°F)
L 2" stripped leads w/#6 Ring terminals
M 2 Standard male plugs (dual junctions) (400°F)
N Standard 3 pin plug w/ ground wire (400°F)
P Dual molded male plug (400°F)
W 2" stripped leads w/ pin terminals
Q 2" stripped leads w/ wire ferrules
X Extra long lead wire length (beyond 2" stripped leads) (specify extra long lead wire length below)
006"-240" 006"-240" Specify in Inches

⑧ Special features (Optional)
Note Leave blank for no special features
01 Solid conductor (Lead wire)
02 1.5" long strain relief spring
03 1.5" long heat shrink where wire exits the probe
06 Epoxy seal (500°F)
07 Cable clamp
08 Bx Connector
09 Mating connector
11 International IEC 584-3 color coded leads
12 British color coded leads
13 German color coded leads
14 Japanese color coded leads
15 Reverse polarity color coded leads
16 French color coded leads
18 Moisture protection boot on connector
50 1200°F rated ring terminal

- Ring terminal can be mounted under various different screw sizes to sense temperature of a surface
- Our unique design puts the junction right on the surface and offers a strain relief sleeve to prevent excess wearing, where the lead wire exits the neck of the ring terminal, improving longevity