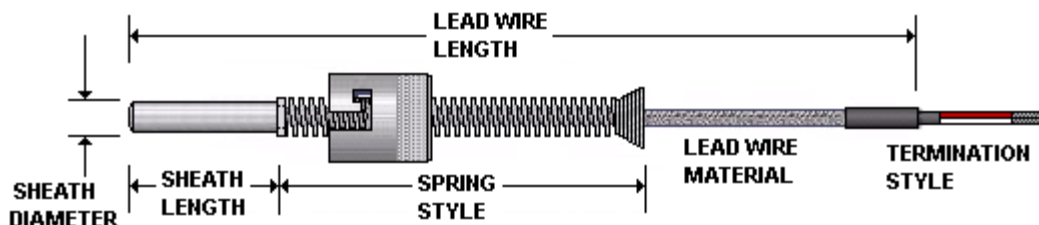


Adjustable bayonet spring thermocouple Series TA1



Ordering Information Part Number

① TA1	② Calibration	③ Sheath Diameter	④ Sheath Length (In.)	⑤ Junction	⑥ Lead wire material	⑦ Lead wire Length (In.)	⑧ Cap/Spring style	⑨ Termination Style
TA1								

Optional

⑩ Special features

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

③ Sheath Diameter
G .118" (3mm)
H .125" (3.2mm) (1/8")
J .156" (4mm)
L .188" (4.8mm) (3/16") (standard)
M .236" (6mm)
N .250" (6.4mm) (1/4")
P .314" (8mm) (5/16")
Note Sizes for reference only (standard tolerances apply)
Note For other diameters consult factory

④ Sheath Length (in.)
R 1/4"
S 3/8" (standard)
W 1/2"
X 5/8"
Y 3/4"
Z 1"
H 1.25"
P 1.5"
Q 1.75"
T 2"

⑤ Junction
G Grounded (standard)
U Ungrounded
W Grounded (Dual Junction)
Y Ungrounded common (Dual Junction)

⑥ 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)
Note Wire gauge based on sheath diameter.

⑦ Lead wire length (In.)
012"-960" Specify in Inches
Note Over 960" contact factory

⑧ Cap/ Spring style
P 7/16" ID Single slot (standard cap) / 1/4"OD x 10" spring
Q 12.5mm ID double slot / 1/4"OD x 10" spring
R 14.7mm ID double slot / 1/4"OD x 10" spring
S 7/16" ID Single slot (standard cap) / 1/4"OD x 6" spring
T 12.5mm ID double slot / 1/4"OD x 6" spring
W 14.7mm ID double slot / 1/4"OD x 6" spring
Note Longer springs available. Consult factory



⑨ Termination style
A 2" stripped leads (bare ends)
B 2" stripped leads w/ spade lugs (fork terminals)
C Standard male plug (400°F)
D High temp male plug (660°F)
E Max temp male plug (800°F)
G Solid pin male plug (400°F)
H Standard female jack (400°F)
J Miniature male plug (400°F)
K Miniature female jack (400°F)
L 2" stripped leads w/ #6 Ring terminals
N Standard 3 pin male 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

⑩ Special features (Optional)
Note Leave blank for no special features
01 Solid conductor (Lead wire)
04 Flat tip probe
05 Drill point tip
06 Epoxy seal plug (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
20 Add ground wire to TC & RTD
29 Silver solder thermocouple junction

- Cap spins over entire length of spring
- Spring has an OD of .254"
- 20 AWG stranded wire comes standard for .156" and larger
- 24 AWG stranded wire comes standard for .125" and .118"