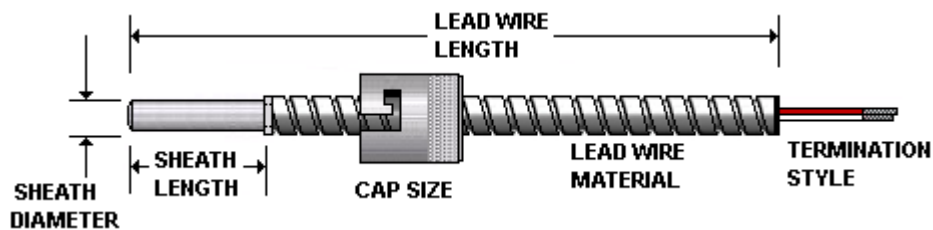


East Coast Sensors

Adjustable bayonet flexible armor cable thermocouple Series TA2



Ordering Information Part Number

① TA2	② Calibration	③ Sheath Diameter	④ Sheath Length (In.)	⑤ Junction	⑥ Lead wire material (inside armor)	⑦ Lead wire length (In.)	⑧ Armor OD/ Cap Size	⑨ Termination Style
TA2								

Optional

⑩ Special Features

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

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

⑨ 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
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) <i>(Specify extra long lead wire length below)</i>
006"-240" 006"-240" Specify in Inches

③ Sheath Diameter
G .118" (3mm)
H .125" (3.2mm) (1/8")
J .156" (4mm)
L .188" (4.6mm) (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

⑥ Lead wire material (inside armor cable)
H Fiberglass with armor cable (800°F) (standard)
J Fluoropolymer with armor cable (400°F)
K Polyimide with armor cable (500°F)
M Fiberglass with stainless steel braid with armor cable (800°F)
W Fluoropolymer with stainless steel braid with armor cable (400°F)
L High temperature fiberglass with armor cable (1200°F)
Note Wire gauge based on sheath diameter

⑦ Lead wire length (In.)
012"-600" Specify in Inches
Note Over 600" contact factory

④ Sheath Length (in.)
R 1/4"
S 3/8" (standard)
W 1/2"
X 5/8"
Y 3/4"
Z 1"

⑧ Armor cable diameter/ Cap Size
A .275"OD/ 7/16" ID single slot (standard cap)
B .210"OD/ 7/16" ID single slot (standard cap)
C .275"OD/ 12.5 mm ID double slot (Metric cap)
D .210"OD/ 12.5 mm ID double slot (Metric cap)
E .234"OD/ 7/16" ID single slot (standard cap)
F .234" OD/ 13 mm ID single slot Werner Pfleiderer cap

⑩ Special features (Optional)
Note Leave blank for no special features
01 Solid conductor (Lead wire)
04 Flat tip probe
05 Drill point tip
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



- Adjustable armor style thermocouples fit a wide variety of hole depths
- Cap spins over entire length of armor. Armor is .265" OD
- ECS custom designed armor cable compresses & decompresses easily, ideal for extrusion applications
- 20 AWG stranded wire comes standard for .156" and larger
- 24 AWG stranded wire comes standard for .125" and .118"

