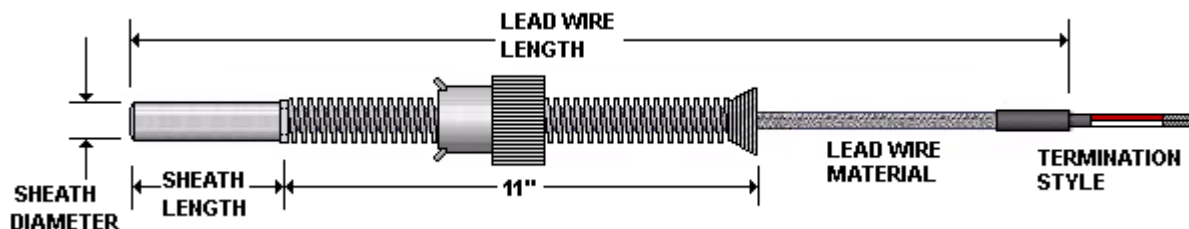


East Coast Sensors

Head & groove bayonet thermocouple Series TA7



Ordering Information Part Number

① TA7	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 Threaded Adapter	⑩ Termination Style	⑪ Optional Special features
TA7							C			

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

③ Sheath Diameter
L .188" (4.6mm) (3/16")
M .236 (6mm)
N .250" (6.4mm) (1/4")
P .314" (8mm) (5/16")
Note Sizes for reference only (standard tolerances apply)

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

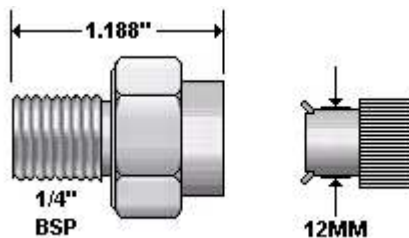
⑤ Junction
G Grounded (standard)
U Ungrounded

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
C 12MM OD Double eared cap / 7.75MM OD Spring X 280MM Long

⑨ Threaded adapter
X 1/4" BSP threaded fitting (Mates with 12MM Double eared cap)
0 No fitting



⑩ 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)
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

⑪ 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 (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

- Head & groove bayonet thermocouples fit in 8mm hole.
- Double eared cap spins over entire length of spring
- OEM replacement for Negri Bossi, Sandretto, Boy, & MIR equipment
- 1/4" BSP fitting is included

