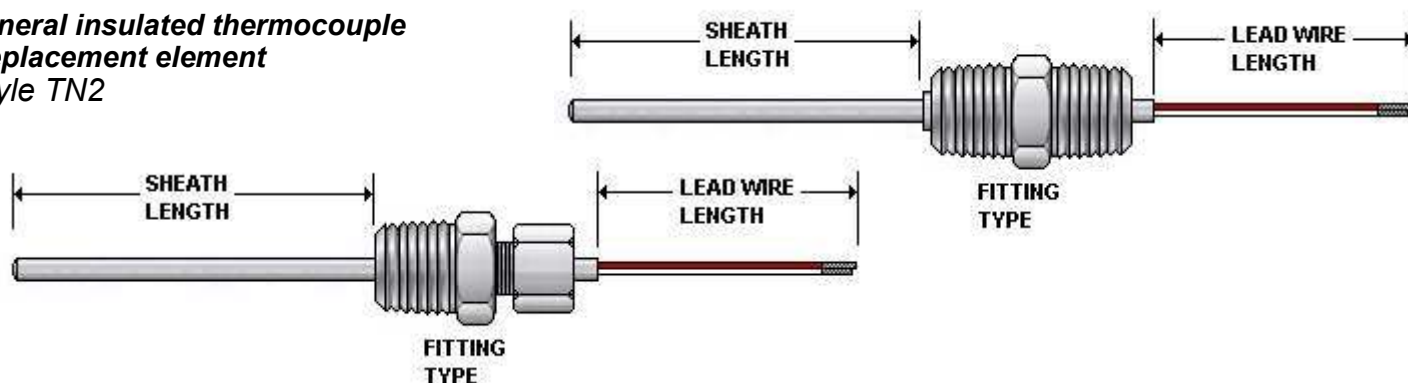


East Coast Sensors

Mineral insulated thermocouple Replacement element Style TN2



Ordering Information Part Number

① TN2	② Calibration	③ Sheath Diam.	④ Sheath Material	⑤ Sheath Length (whole In.)	⑥ Sheath Length (frac. In.)	⑦ Junction	⑧ Head Mounting Fitting	⑨ Lead wire material	⑩ Lead wire length (In.)	⑪ Special Features
TN2										

Optional

② Calibration
J Type J (standard)
K Type K
T Type T
E Type E
W Type J (special limits)
X Type K (special limits)
Y Type T (special limits)
Z Type E (special limits)

⑤ Sheath Length (whole In.)
001"-144" Specify in Inches

⑥ Sheath Length (fractional in.)
A 0
B 1/8"
C 1/4"
D 3/8"
E 1/2"
F 5/8"
G 3/4"
H 7/8"

⑦ Junction
G Grounded (Single)
U Ungrounded (Single)
E Exposed (Single)
R Exposed & Recessed (Single)
W Grounded (Dual)
X Ungrounded & Isolated (Dual)
Y Ungrounded Common (Dual)
Z Exposed & Isolated (Dual)
Note <i>Ungrounded & Isolated (option "X") only available in .156"OD & larger</i>

⑧ Head Mounting Fitting
06 1/2"npt x 1/2"npt double thread
07 1/2"npt double thread Spring loaded
08 1/2"npt x 1/2"npt double thread spring loaded w/oil seal
09 1/2"npt x 3/4"npt double thread
10 3/4"npt x 3/4"npt double thread
12 Single threaded brass compression fitting (no process thread)
13 Single threaded stainless compression fitting (no process thread)
14 1/2"npt x 1"npt double thread
15 1/2"npt x 1/4"npt double thread
16 1/4"npt x 1/4"npt double thread
Note <i>For other fittings not shown contact factory</i>

⑨ Lead wire material
A Fiberglass (800°F)
B Fluoropolymer (400°F)
C Polyimide (500°F)
D PVC (220°F)
E High temperature fiberglass (1200°F)
F Fiberglass with stainless steel braid (800°F)
G Fluoropolymer with stainless steel braid (400°F)
H Fiberglass with armor cable (800°F)
J Fluoropolymer with armor cable (400°F)
Z No lead wire (MGO leads stripped 3")
Note <i>Wire gauge determined by ECS based on sheath diameter</i>

⑩ Lead wire length (In.)
006"-600" Specify in Inches
Note <i>Over 600" contact factory</i>

③ Sheath Diameter
H .125" (3.2mm) (1/8")
L .188" (4.6mm) (3/16")
N .250" (6.4mm) (1/4")
Q .375" (9.5mm) (3/8")

④ Sheath Material
F 304 SS (standard)
H 316 SS
M INCONEL (600)
N 446 SS
P 310 SS

Optional

⑪ Special features (optional)
Note <i>Leave blank for no special features</i>
47 Stranded conductor (lead wire)
04 Flat tip probe
05 Drill point tip
06 Epoxy seal (500°F)
24 Fluoropolymer covered probe

