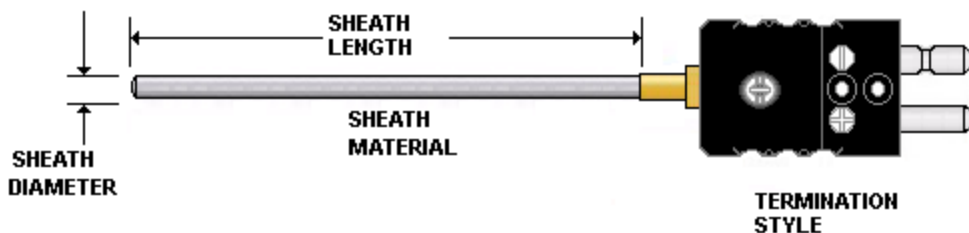


East Coast Sensors

Rigid mineral insulated thermocouple Style TM1



Ordering Information Part Number

① TM1	② Calibration	③ Sheath Diameter	④ Sheath Material	⑤ Sheath Length (whole In.)	⑥ Sheath Length (fractional In.)	⑦ Junction	⑧ Termination Style	⑨ Special Features	⑩ Attached Fitting	⑪ Insertion Length (whole in.)	⑫ Insertion Length (Frac.in.)
TM1											

Optional

② Calibration	
J	Type J
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)

④ Sheath Material	
F	304 SS
H	316 SS
M	INCONEL (600)
N	446 SS
P	310 SS
Q	Hastelloy X
R	Pyrosil D

⑤ Sheath Length	
001"-360"	Specify in Inches
Note	Over 360" contact factory

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	Ungrounded & Isolated (option "X") only available in .188"OD & larger

⑧ Termination style	
C	Standard male plug (400°F)
D	High temp male Plug (660°F)
E	Max temp male Plug (800°F)
F	Ceramic male plug (1200°F)
G	Solid pin plug (400°F)
H	Standard female jack (400°F)
J	Miniature male plug (400°F)
K	Miniature female jack (400°F)
N	Standard 3 pin plug w/ ground wire (400°F)
P	Dual molded male plug (400°F)
Z	Dual molded female jack (400°F)
R	High temp female jack (660°F)
S	Max temp female jack (800°F)
T	Ceramic female jack (1200°F)

⑨ Special features (optional)	
Note	See next page

⑩ Attached Fitting (optional)	
Note	See next page

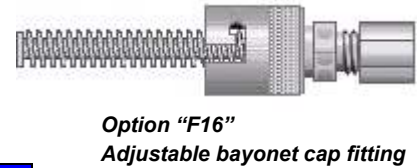
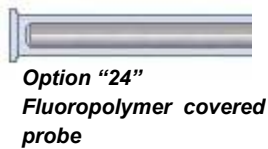
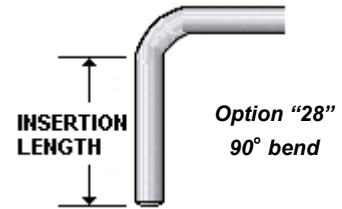
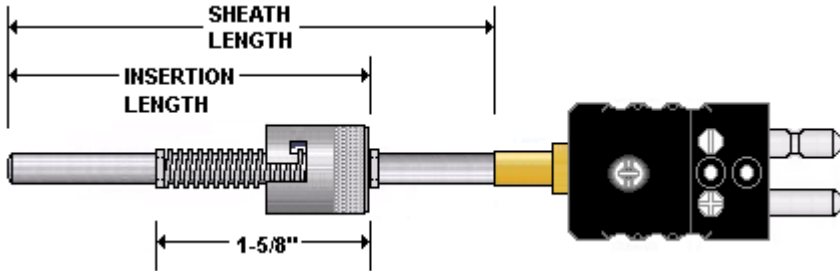
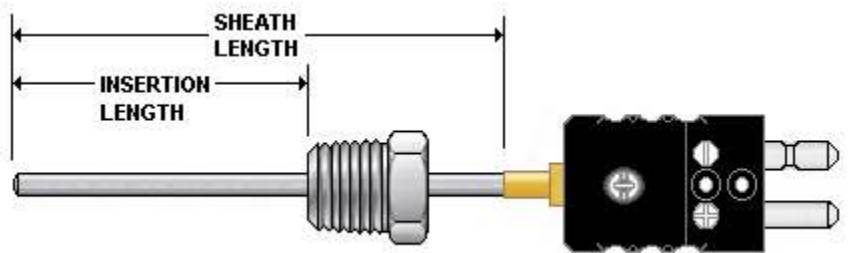
⑪ Insertion length (whole in.)	
Note	See next page

⑫ Insertion Length (frac.in.)	
Note	See next page

See next page for optional attached fittings & special features (Fields 9,10,11 & 12)

East Coast Sensors

Rigid mineral insulated thermocouple
Attached fittings & special features
Style TM1



Continue part number from previous page

Ordering Information

⑨ Special Features	⑩ Attached Fitting	⑪ Insertion Length (whole in.)	⑫ Insertion Length (Frac.in.)

⑨	Special features (Optional)
Note	Leave blank for no special features
04	Flat tip probe
05	Drill point tip
09	Mating connector
18	Moisture protection boot on connector
24	Fluoropolymer covered probe
25	Free spinning fitting (held on probe by a crimp ring)
26	Connector mounted with tube adapter
28	90 degree bend
30	45 Degree bend
39	Two connectors mounted with tube adapter

⑩	Attached Fitting type (optional)
Note	Leave blank for no attached fitting
F01	1/8"npt single thread
F02	1/4"npt single thread
F03	3/8"npt single thread
F04	1/2"npt single thread
F05	3/4"npt single thread
F06	1/2"npt x 1/2"npt double thread
F07	1/2"npt double thread Spring loaded
F08	1/2"npt x 1/2"npt double thread Spring loaded w/oil seal
F09	1/2"npt x 3/4"npt double thread
F10	3/4"npt x 3/4"npt double thread
F11	Fixed 7/16"ID bayonet cap assembly (on probe) (1/8"OD, 3mmOD & 3/16"OD)
F15	1"npt single thread
F16	Adjustable 7/16"ID bayonet cap fitting (1/8"OD & 3mm OD)
F17	Adjustable 12.5mm ID double slot bayonet cap fitting (1/8"OD & 3mm OD)
F18	1/8"npt compression fitting (Brass)
F19	1/8"npt compression fitting (Stainless steel)
F20	1/4"npt compression fitting (Brass)
F21	1/4"npt compression fitting (Stainless steel)
F22	1/2"npt compression fitting (Brass)
F23	1/2"npt compression fitting (Stainless steel)
F28	1" circular mounting flange
Note	For other fittings not shown contact factory

⑪	Insertion Length (in.) (optional)
001"-144"	Specify in Inches
Note	See pg. 61 for attached fitting illustrations

⑫	Insertion 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"

