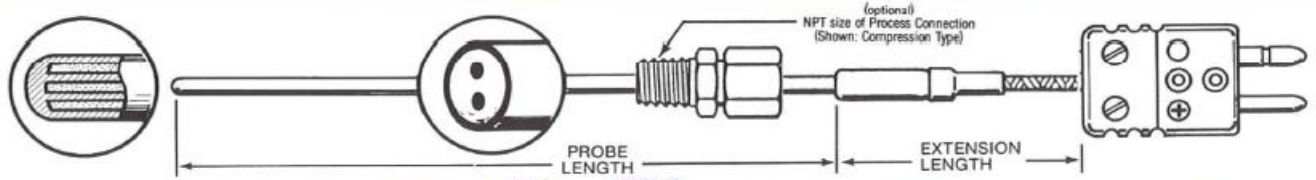


## SENSORS — SELECTION SUMMARY

### CUSTOM MARLOX® THERMOCOUPLES WITH EXTENSION



PROBE DIA.	SHEATH MAT'L	T/C TYPE	SINGLE/ DUAL T/C	JUNCTION MOUNTING TYPE	FITTING OR MOUNTING TYPE	IMMERSION LENGTH IN INCHES (If Applicable)	EXTENSION TYPE	EXTENSION LENGTH IN INCHES	TERMINAL TYPE	PROBE LENGTH IN INCHES

PROBE DIA. CODE
010
020
032
040
062
125
187
250
312
375
500

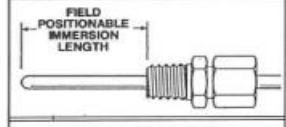
SHEATH MAT'L CODE
304
310
316
600
230

ANSI TYPE
1T
1J
1E
1K
1N

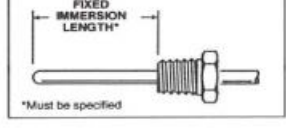
Special tolerance. Use "2" i.e. 2K

MOUNTING FITTING	CODE
NONE	XX
<b>*COMPRESSION FITTING</b>	
SS Fittings 1/8 NPT 1/4 NPT	A1 A2

\*Not readjustable with metal ferrule  
 NOTES:  
 C1=Stl, B1=Brass  
 Ferrules:  
 Metal Standard (Non-readjustable)  
 "T" for Teflon (Readjustable)  
 e.g. T1  
 "L" for Lava (Non-reusable)  
 e.g. L1



FIXED IMMERSION, SS	
1/8 NPT	F1
1/4 NPT	F2
3/8 NPT	F3
1/2 NPT	F4
3/4 NPT	F6
1 NPT	F8



EXTENSION TYPE	CODE
TEFLON INSULATED 260°C (500°F)	MEO
FIBERGLASS INSULATED 482°C (900°F)	MGO

\*Extension length in inches

- NOTES:
- 1) For SS flex Armor Cable over Exten. add "3" to code; e.g. "MG3"
  - 2) SS Overbraid over Exten. add "1" to code; e.g. "MG1"
  - 3) TRANSITIONS  
Extension includes transitions for use to 205°C (400°F)
  - 4) For Hi-Temp transition 425°C (800°F) add "H" to code; e.g. "HGO"
  - 5) For transition "same size" as Sheath O.D. add "E" to code; e.g. "EGO"
  - 6) For "Probe Handle" transition use code "P" e.g. "PT7" (good for 350°F — not available in hi-temp).

TERMINAL TYPE	CODE
BARE LEADS	B30
MINIATURE PLUG	M15
STANDARD 2-POLE PLUG W/EXTERNAL STRAIN RELIEF	P15
DUAL-STD. 2-POLE PLUG W/EXTERNAL STRAIN RELIEF	P12
STANDARD 3-POLE PLUG W/EXTERNAL STRAIN RELIEF	P32

NOTES FOR ABOVE TERMINAL CONNECTORS  
 a) Connectors for use to 205°C (400°F)  
 b) For other options see factory

JUNCTION TYPE	ORDER CODE
Single Thermocouple Element Marlox	
Exposed	1X
Grounded	1G
Ungrounded	1U
*Weld Pad, Grounded	
Perpendicular	1A
Parallel	1B
Tube Skin	1C
Dual Thermocouple Element Marlox	
Exposed	2X
Grounded	2G
Ungrounded	2U
*Weld Pad, Grounded	
Perpendicular	2A
Parallel	2B
Tube Skin	2C

