

Thermocouple Leadwire Table

WIRE CODE	CONDUCTOR	T/C AVAILABILITY	INSULATION	OUTER COVERING	MAXIMUM TEMP.
F1	Solid	J, K, T, E	Fiberglass	None	482 °C [900 °F]
F1A	Solid	J, K, T, E	Fiberglass	Stainless steel flex armor	482 °C [900 °F]
F1B	Solid	J, K, T, E	Fiberglass	Stainless steel overbraid	482 °C [900 °F]
F3	Stranded	J, K, T, E	Fiberglass	None	482 °C [900 °F]
F3A	Stranded	J, K, T, E	Fiberglass	Stainless steel flex armor	482 °C [900 °F]
F3B	Stranded	J, K, T, E	Fiberglass	Stainless steel overbraid	482 °C [900 °F]
T1	Solid	J, K, T, E	Teflon®	None	204 °C [400 °F]
T1A	Solid	J, K, T, E	Teflon®	Stainless steel flex armor	204 °C [400 °F]
T3	Stranded	J, K, T, E	Teflon®	None	204 °C [400 °F]
T3A	Stranded	J, K, T, E	Teflon®	Stainless steel flex armor	204 °C [400 °F]
K1	Solid	J, K, E	Kapton®	None	316 °C [600 °F]
K1A	Solid	J, K, E	Kapton®	Stainless steel flex armor	316 °C [600 °F]
C3	Stranded	J, K, T, E	Polyurethane cord set	None	104 °C [220 °F]

All sensors are constructed in accordance with the above wire code table using 20 ga. thermocouple wire. Exceptions are 1/8" sheath diameters and duplex elements which are constructed with 24 ga. wire, as required.

Type T thermocouples rated to 700 °F maximum.

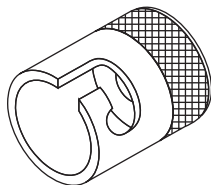
Standard limits of error is supplied as standard in all order numbers. Consult factory for availability of special limits of error wire.

Thermocouple Color Codes: Wire-Connectors

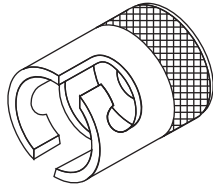
T/C TYPE	POSITIVE (+) LEG	NEGATIVE (-) LEG	T/C WIRE OVERALL	EXT. WIRE OVERALL	PLUGS & JACKS
E	Purple	Red	Brown	Purple	Purple
J	White	Red	Brown	Black	Black
K	Yellow	Red	Brown	Yellow	Yellow
T	Blue	Red	Brown	Blue	Blue

Bayonet Caps

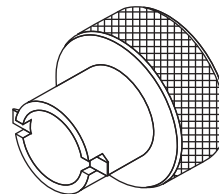
7/16" ID SINGLE SLOT
ORDER CODE: A



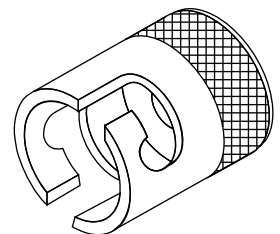
12MM ID DOUBLE SLOT
ORDER CODE: B



12MM OD DUAL PIN
ORDER CODE: C



15MM ID DOUBLE SLOT
ORDER CODE: E



CONSTRUCTION SPECIFICATIONS

SHEATHS: Sheaths are 316 stainless steel and are available in 1/8", 3/16", and 1/4" OD tube diameters.

PLUGS and JACKS: Both standard and miniature size plugs and jacks are rated at 350 °F maximum temperature.

FLEXIBLE ARMOR: Constructed of 302 stainless steel with diameters of 0.275" OD on standard size and 0.207" OD on small flex.