



STANDARD THERMOCOUPLE

Series 300HT

- For High temperature (2100°F and Greater) Applications
- Industry Standard Color-Coded Quick Disconnect
- Very Popular and Versatile Design
- Argon Chamber Available
- Commonly Installed with Compression Fittings (Adapter) See pgs. 118 & 119



Enter a selection for each item, please fax your inquiry to TCP.

Example: 300HT- S - C - 12 - MO - W4 - INC - 10 - 0

300HT - - - - - - - - -

CODE	WIRE CALIBRATION
R	Plat. 13% Rhod./Plat.
S	Plat. 10% Rhod./Plat.
B	Plat. 30% Rhod./Plat. 6% Rhod.
C	Tungsten 5% Rhenium/ Tungsten 26% Rhenium
D	Tungsten 3% Rhenium/ Tungsten 25% Rhenium

Consult page 40 for available wires with respect to sheath material.

CODE	SHEATH DIAMETER
C	.062"
D	.125"
F	.250"
M	.375" (<i>AL₂O₃ only</i>)

Consult page 40 for available diameters with respect to sheath material.

IMMERSION LENGTH "L"
Specify in inches 01 to 24. For lengths over 24 inches consult factory.

CODE	INSULATION MATERIAL
AO	Aluminum Oxide (<i>AL₂O₃</i>)
BO	Beryllium Oxide (<i>BeO</i>)
HO	Hafnium Oxide (<i>HfO₂</i>)
MO	Magnesium Oxide (<i>MgO</i>)

Consult page 40 for available insulation with respect to sheath material.

CODE	OTHER PERTINENT DATA
0	NONE
999	Special Request Consult Factory

CODE	TERMINATION STYLE
10	111 Standard Plug
20	131 Mini Plug
30	109 High Temp Plugs

Code 10 - 111 Plug is standard
Code 20 - 131 Mini Plug is available in .062" and .125" sheath diameter
Consult factory for other options.

CODE	SHEATH MATERIAL
INC	Inconel 600
MOL	Molybdenum
TAL	Tantalum
ALO	Aluminum Oxide
PLT	Platinum 10% Rhodium

Consult page 40 for available sheath material with respect to calibration, diameter and insulation.

CODE	JUNCTION STYLE
W2	Grounded Rounded Tip
W4	Ungrounded Rounded Tip
W5	Exposed

Code W4 is standard

Metric Orders Welcome

Place an **mm** in the appropriate selection box:

Important:

Consult page 40 for available thermocouple material combinations