



Another method of installing a thermocouple probe is by using it in conjunction with a compression fitting. After drilling and tapping the process hole, the compression fitting is threaded into the process and then tightened onto the probe, securing the probe in place. A brass 1/8" NPT is standard while others are available.

**EX: FCJ913Z1DUR96TA5PB**

Fixed Compression, Type J, 90 Degree, 1/8" Diameter Probe, 3" Mounting Length, 1 1/4" Extension, Ungrounded Radius Tip, 96" Teflon Insulated Wire with Armor, Mini Plug, 1/8" S.S. Compression Fitting, PVC Shrink Tube Full Length of Armor.

FC															Ground wire available. Add "GW" at end of part number.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<b>1. Style FC</b>															
<b>2. Calibration</b>															
T	TD-Duplex														
J	JD-Duplex														
E	ED-Duplex														
K	KD-Duplex														
<b>3. Probe Shape</b>															
0 = Straight															
4 = 45 Degree bend															
9 = 90 Degree bend															
<b>4. Probe Diameter &amp; Sheath Material</b>															
*1=.125	A = 304 SS														
3=.188	B = 316 SS														
5=.250															
* = Not available in Duplex															
<b>5. Probe Mounting Length in inches</b>															
<b>6. Probe Mounting Length in fractions</b>															
A=.062	B=.125	C=.188													
D=.250	E=.312	F=.375													
G=.437	H=.500	J=.562													
K=.625	L=.687	M=.750													
N=.812	P=.875	R=.937													
Z=0															
<b>7. Extension Length in inches, then use the fraction chart above for fraction code</b>															
<b>8. Tip &amp; Junction</b>															
GD = Grounded Drill															
UD = Ungrounded Drill															
GR = Grounded Radius															
UR = Ungrounded Radius															
GF = Grounded Flat															
UF = Ungrounded Flat															
EJ = Exposed Junction															
OF = Open end flush tip															
<b>9. Lead Length in inches</b>															
<b>10. Lead Wire Insulation</b>															
F = Fiberglass															
T = Teflon															
K = Kapton															
<b>11. Lead Protection</b>															
B = Braid															
A = Armor															
FS = Fiberglass Sleeving															
SS = Silicone Sleeving															
BA = Braid/Armor															
<b>12. Termination</b>															
0 = Split & Stripped															
1 = Spade Lugs															4H = Three Hole Jack
2 = Spade Lugs/BX Fitting															5 = Mini Plug
3 = Standard Plug															5T = Three Pin Mini Plug
3S = Solid Pin Plug															6 = Mini Jack
3DP = Duplex Plug															6H = Three Hole Mini Jack
3T = Three Pin Plug															7 = Wire Ferrule
4 = Standard Jack															8 = Female Push On
For high temp plug or jack, add H															
For ultra high temp plug or jack, add UH															
For options 3-6, add X for no cable clamp (e.g. 3X, 4X)															
<b>13. Sleeve Options Over Lead Protection</b>															
FS = Fiberglass Sleeve															
SS = Silicone Sleeve															
TS = Teflon Shrink															
P = PVC Shrink															
<b>14. Compression</b>															
A = 1/8" brass															F = 1/4" S.S./Teflon
B = 1/8" S.S.															G = 1/2" brass
C = 1/8" S.S./Teflon															H = 1/2" S.S.
D = 1/4" brass															
E = 1/4" S.S.															
Leave blank if doesn't apply															
1/8" Brass is standard															
<b>15. Lead Configuration (Duplex Option)</b>															
1 = 2 Sets of Leads (Singles)															
2 = 2 Sets of Leads under 1 protection															