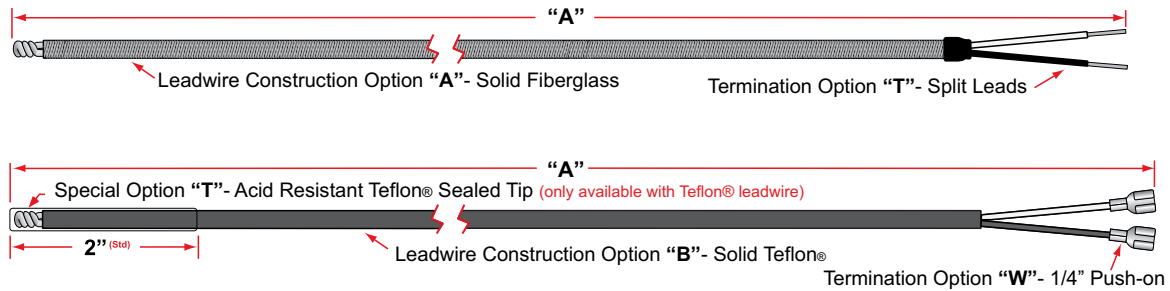


General Purpose Thermocouples

Style IW – Insulated Wire Assembly



Style IW - Available in a variety of calibrations and insulations, the GIC Insulated Wire thermocouple provides an economical sensor for many general purpose applications. The optional Teflon® sheathed tip makes this a great sensor to use in corrosive applications. GIC stocks several configurations of Insulated Wire Assemblies (see page 7).

TIW - **-N-**

1. Calibration

J = Type J T = Type T Z = Special
K = Type K E = Type E

2. Leadwire Construction

Z = Other	(solid wire)		(stranded wire)	
	Standard	Overbraided	Standard	Overbraided
Fiberglass (900°F)*	A (Std)	F*	C	H*
Teflon® (500°F)	B	G*	D	I*
Kapton (700°F)	E	J*	Q	R*

*Not available with Acid Resistant Tip

3. Leadwire Gauge

B = 24 gauge Z = Other
C = 20 gauge (Std)

4. Leadwire Length "A" (Example 12.5 = 12-1/2 inches)

5. Leadwire Terminations: (See Diagram LT-TC)

N = No Split/ No Strip (Std) W = 1/4 Push-on (std = 2" split)
T = Split Leads (std = 2" split/3/8" strip) (Std) X = Bx Connector w/ #8 lugs
U = Spade Lugs (std = 2" split) Z = Special
V = Ring Lugs (std = 2" split)

PLUGS & JACKS	Std Temp (425°F)		Hi Temp (660°F)		Ceramic (1200°F)	
	w/ clamp	w/o clamp	w/ clamp	w/o clamp	w/ clamp	w/o clamp
Std Male Plug	1A	1B	2A	2B	3A	3B
Std Female Jack	1C	1D	2C	2D	3C	3D
Mini Male Plug	1F	1G	2F	2G	3F	3G
Mini Female Jack	1H	1L	2H	2L	3H	3L

6. Special Options (Choose all that apply - See Page 15)

N = None U = Butt Welded Junction
G = Shielded leadwire T = Acid Resistant Teflon® Sheathed Tip*
I = SS ID Tag Y = Certificate of Conformance
L = Mating Connector Z = Special (Consult Factory)

*Teflon® Jacket wire only

Diagram LT-TC (page 14)

LEADWIRE TERMINATIONS

N = No Split/No Strip

T = Split Leads

U = Spade Lugs

V = Ring Lugs

W = 1/4" Push-On

X = Bx Connector w/Spade Lugs

1G = Mini Male Plug

1H = Mini Female Jack w/Clamp

1B = Std Male Plug

1C = Std Female Jack w/Clamp

For a complete list of accessories go to:
www.GICThermodynamics.com