

Custom Built Thermocouple Sensors with Miniature Plug

- Sensors made to meet your requirements
- Thermocouple types K, T, J, N and E available
- Sheath diameters from 0.010" to 0.125"
- Wide choice of sheath materials
- Calibration available, please contact us for details
- Generally shipped in 7 to 10 days or sooner

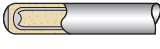
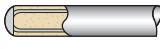


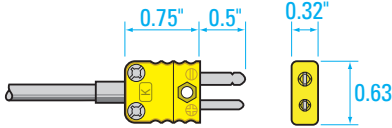
For mating miniature jacks, please see page 64

SECTION 1	Thermocouple Type	Temperature Range (continuous)
K	Nickel Chromium vs Nickel Aluminum	+32°F to +2010°F
T	Copper vs Constantan	-300°F to +750°F
J	Iron vs Constantan	+32°F to +1290°F
N	Nicrosil vs Nisil	+32°F to +2192°F
E	Nickel Chromium vs Constantan	+32°F to +1470°F

SECTION 2	Sheath Material	Maximum Temperature
104	304 Stainless Steel (Types K, J, T & E)	1650°F
125	310 Stainless Steel (Type K)	2010°F
176	Inconel 600 (Types K & N)	2010°F
114	Nicrobell D (Types K & N)	2280°F
156	Hastelloy X (Type K)	2230°F

SECTION 3	Sheath Diameter (inches)	Sheath Diameter (mm)
Standard Sizes	0.010"	0.3mm
	0.020"	0.5mm
	0.040"	1.0mm
	0.062"	1.6mm
	0.078"	2.0mm
	0.125"	3.2mm

SECTION 4	Types of Sensing Junction	
2I		INSULATED (2ID for a Duplex element)
2G		GROUNDED (2GD for a Duplex element)

SECTION 5	Termination
3P6M	

SECTION 6	Optional Stainless Steel Adjustable Compression Fittings	
Dia.	1/8" NPT	1/4" NPT
0.020"	ACN01S	—
0.040"	ACN02S	—
0.062"	ACN03S	ACN04S
0.078"	ACN05S	ACN06S
0.125"	ACN08S	ACN09S

For our full range of fittings, please see page 72

Order Code - Example

Type No	Thermocouple Type (See section 1)	Sheath Length in inches	Sheath Material (See section 2)	Sheath Diameter (See section 3)	Sensing Junction (See section 4)	Termination (See section 5)	Compression Fitting (Optional, see section 6)
12	- K	- 18"	- 104	- 0.125"	- 2I	- 3P6M	- ACN08S

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