

Custom Built Ceramic Sheathed Thermocouple Sensors

- Sensors made to meet your requirements
- Thermocouple types K, J, N, R, S and B available
- Sheath diameters from 0.314" to 0.787"
- Wide choice of sheath materials
- Die Cast Alloy or Cast Iron Head
- Calibration available
- Generally shipped in 7 to 10 days or sooner

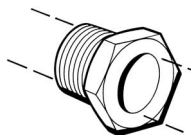
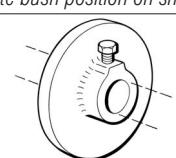


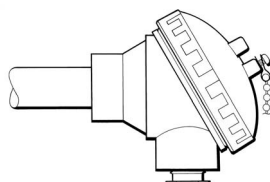
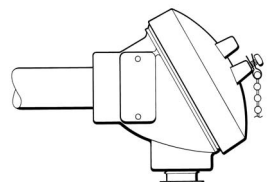
RATED TO IP67

SECTION 1	Thermocouple Type	Temperature Range (continuous)
K	Nickel Chromium vs Nickel Aluminum	+32°F to +2010°F
J	Iron vs Constantan	+32°F to +1290°F
N	Nicrosil vs Nisil	+32°F to +2010°F
S	Platinum - 10% Rhodium vs Platinum	+32°F to +2910°F
R	Platinum - 13% Rhodium vs Platinum	+32°F to +2820°F

SECTION 2	Ceramic Sheath Diameter (inches)	Metal Support Tube Diameter (inches)
Standard Sizes	0.314"	0.839"
	0.394"	0.839"
	0.669"	1"
	0.787"	1 + 1/16"

SECTION 3	Sheath Material	Maximum Temperature
IAP	Impervious Aluminous Porcelain	2550°F
IRA	Impervious Recrystallized Alumina	3270°F
SC	Silicon Carbide	2640°F

SECTION 4	Optional Support Tube Mounting Fittings	
WBPSF	St/Steel welded bush 3/4" NPT	 <i>State bush position on sheath</i>
WBTSK	St/Steel welded bush 1" NPT	
FI1	4" dia. adjustable Cast Iron Flange	

SECTION 5	Terminal Heads	
3P11	Weatherproof Standard Size Die Cast Alloy Head	
	Weatherproof Standard Size Cast Iron Head	
3P12		

Order Code - Example

Type No	Thermocouple Type (See section 1)	Nº of elements	Primary Sheath Dia. (See section 2)	Primary Sheath Material (See section 3)	Sheath Length under Head	Secondary Sheath Material (if required)	Support Tube Mounting (See section 4)	Terminal Head (See section 5)
14	- R	- 1	- 0.787"	- IRA	- 24"	- IAP	- FI1	- 3P11



877 249 1777 toll free

Fax: 708 236 5778 • Email: sales@tcdirect.com • Web: www.tcdirect.com