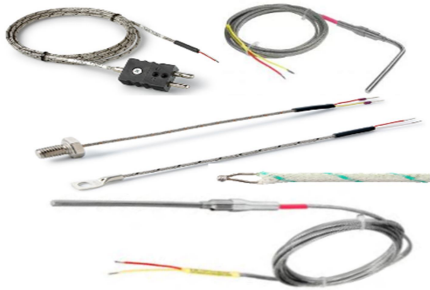




EMPOWERING PROCESS MANAGEMENT



BAYONET & FLEXIBLE THERMOCOUPLE CABLE PROBES



Bayonet thermocouples have a compressible spring and locking cap for quick insertion and detachment. Other probes connections like washer, button, plate, ribbons, ball, nozzles, bolts etc are beings used to manufacture flexible thermocouple to suit various critical temperature measuring applications.

They are available with no protection tube (insulation only), armour clad flexible tube, or stainless steel over braid. All are light weight for easy connection to an instrument or a distant junction box. Closed end tubes are welded for Type K. Bayonet thermocouples are generally rated for service to 480 °C (900 °F) under dry conditions; temperature rating does not apply to cold end terminations.

APPLICATIONS

- Plastic Extrusion Machines, Diversified Plastic & Packing Machinery
- Automobiles & Engine Testing, Gen set
- Medical & Scientific Equipments
- Pharma, Food & Beverages
- Various Industrial Machineries
- Measuring Bearing Temperature in Motors, Turbines etc.

PRODUCT FEATURES

- Locking cap / spring / screwed bolts for quick & easy attachment & detachment
- Adjustable Lengths & Fixed Lengths
- Wide Industrial applications
- Easy to use in hanging applications.
- Thermal Accuracy as per ANSI MC 96.1 & ASTM E230
- Customized probes for measuring temperature for critical industrial applications

PRODUCT TECHNICAL SPECIFICATIONS

Element	J (Fe / Const)	0 °C – 760 °C
	K (Chromel / Alumel)	-200 °C – 1260 °C
	T (Copper / Const)	-250 °C – 350 °C
	E (Chromel / Const)	-200 °C – 900 °C
	N (Nicrosil / Nisil)	-270 °C – 1300 °C
No. of Element	Normally Simplex	
Junction	Grounded / Ungrounded / Exposed	
Sensor Wire Insulation	Fiber Glass, High Temperature Ceramic Yarn, PTFE, PFA, ETFE, SILICONE RUBBER, KAPTON, PVC etc.	
Sheath OD	3mm to 8mm	
Sheath Material	SS Tubes / Brass Tubes	
Mounting	Bayonet Adaptor or Probe design itself becomes suitable to be fixed at temperature measuring position	
Termination / Enclosure	Seal Pot with flying leads Seal Pot with Male Female Connectors Flying leads fitted with cable lugs	

Thermocouple can be custom configured depending upon its environmental conditions & its probe can be designed as per demanding applications within the above TECHNICAL CONSTRUCTIONAL SPECIFICATIONS.



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