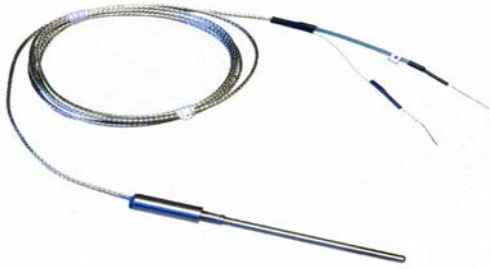


Air-ducted / exposed probe style sensor



These are general-purpose air-ducted / exposed hot junction assemblies with cable and terminated in flying tails. All Resistance Thermometers have an air-ducted tip and all Thermocouples have an exposed junction

Our standard range is shown below, although any special can be manufactured upon request.

Contact the Sales office for details and a quotation.

High Temperature Resistance Thermometer and Mineral Insulated Thermocouples		Standard Temperature Fabricated	
Model Pr09		Model Pr10	
Operating Temperature	J (321 sheath) 0 to 750°C K (310 sheath) -200 to 1100°C K (Inconel) -200 to 1100°C T (321 sheath) -200 to 350°C N (Pyrosil) -270 to 1300°C RT -50 to +450°C	Operating Temperature	-60 to +350°C Thermocouples -50 to +250°C Resistance Thermometer
Type	J, K, T or N 4 wire Resistance Thermometer	Type	J, K, T or N 4 wire Resistance Thermometer
Hot junction	Insulated as standard	Hot junction	Grounded (T/C) as standard

General Specification

Cable Type	Glass fibre with stainless steel over-braid
Probe Diameter	3.0mm, 4.5mm or 6.0mm diameter (Model Pr09 RT/Pr10 RT 4.5 and 6.0mm)
Exceptions	Model Pr01 Type N available in simplex only
Termination	100mm Flying tails

Model code					
Model	Calibration	Probe diameter (in mm)	Probe Length (in mm)	Cable length (in Mtrs)	Options
Pr09	J	30 (3mm)	050 (50mm)	2 (2Mtrs)	Hot Junction I or G if not standard Cable Type PV PVC PT PTFE FG Fibreglass A Armour Termination Z Std plug MZ Mini plug
Pr10	K	45 (4.5mm)	100 (100mm)	3 (3Mtrs)	
	KI (Inc)	60 (6mm)		10 (10Mtrs)	
	T				
	N				
	RT				
Duplex					
	DPr09				
	DPr10				

Accessories



Compression fittings



Connectors

Note: 4 wire as standard. Use only the terminals required.
i.e. 2 wire – 1 red / 1 white
3 wire – 2 red / 1 white

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