

# Head mounted sensor with process thread below

**Hd03**  
**Hd04**



These are general-purpose probe assemblies with a process thread below a weatherproof connection head and terminated with a ceramic block.

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

Contact the Sales office for details and a quotation.

<u>High Temperature Resistance Thermometer and Mineral Insulated Thermocouples</u>	<u>Standard Temperature Fabricated</u>
<b>Model Hd03</b>	<b>Model Hd04</b>
Operating Temperature : <b>J (321 sheath)</b> 0 to 750°C <b>K (310 sheath)</b> -200 to 1100°C <b>K (Inconel)</b> -200 to 1100°C <b>T (321 sheath)</b> -200 to 350°C <b>N (Pyrosil)</b> -270 to 1300°C <b>RT</b> -50 to +450°C (4.5 and 6.0mm)	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

Probe Diameter : 3.0, 4.5 or 6.0mm

Termination : Aluminium head (IP67) with M20 electrical connection cable gland

<u>Model code</u>					
Model	Calibration	Probe Diameter (in mm)	Sensor Length (in mm)	Thread	Options
Hd03	J	30 (3.0mm)	050 (50mm)	A – 1/8 BSPP	<b>Hot Junction</b> Suffix code with I or G if not standard  <b>Termination</b> For flying tails Suffix with <b>F</b>  <b>Transmitter</b> TX (range)
Hd04	K	45 (4.5mm)	100 (100mm)	B – 1/4 BSPP	
	KI (Inc)	60 (6.0mm)	200 (200mm)	C – 1/2 BSPP	
	T			D – 3/4 BSPP	
<u>Duplex</u>	N				
DHd03	RT				
DHd04					
(3 wire Only Pt100)					

## Accessories



Compression fittings



Thermowells



Extension cable

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