



Designed to withstand the very high pressure experienced within the nozzles of plastics extruders and injection moulding machines. The thermocouples enable direct temperature measurement of the molten plastic. The probe element is thermally grounded to the bolt (insulated can be specified). The immersion depth (probe extension beyond the bolt, must be specified. The probe is terminated in a standard male plug.

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

Contact the Sales office for details and a quotation.

## Melt bolt sensor

### **Model Mb01**

Operating Temperature	-60 to 350°C
Type	Thermocouple J, K or 4 wire RT
Hot junction	Grounded

### General Specification

Bolt length	76.2mm (3")
Tip dimensions	0mm or 5mm long by 3mm Ø
Thread type	½"UNF - 20
Termination	2-pin standard plug (comes complete with mating socket) for thermocouple 4-pin plug and socket for RT

### Model code

Model	Calibration	Tip length (in mm)	Options
<b>Mb01</b>	<b>J</b>	<b>0</b>	<b>Termination</b> <b>A</b> 100mm flying Tails <b>I</b> Insulated Junction
	<b>K</b>	<b>5</b>	
	<b>RT</b>		

### Accessories



Compression fittings



Connectors



Extension cable

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