

Twist Melt bolt sensor Fast response / Isolated tip

Mb06



Designed to withstand high pressure and enable direct measurement of molten material. The free running body will enable the blade style tip to be orientated, to minimize obstruction to the plastic flow, as well as allowing the bolt to be screwed into the process without twisting the cable. This 152mm/6" long bolt is available with either ½"UNF or M18x1.5 process threads and blade lengths from 0mm – 20mm.

Additional features included are a PTFE insulated behind the tip to reduce cold end effect and a 1.5mmØ MI sensor with grounded hot junction at the end of the tip for fast response.

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

Contact the Sales office for details and a quotation.

Twist Melt bolt sensor

Model Mb06

Operating Temperature	-60 to 350°C
Type	J, J DIN, K
Hot junction	Grounded as standard – Thermocouple

General Specification

Bolt length	152mm (6")
Tip length	0mm / 5mm / 10mm / 15mm / 20mm or 25mm
Thread type	½"UNF – 20 or M18 x 1.5
Cable type and length	100mm – Glass-fibre with stainless steel over-braid as standard
Termination	2-pin standard plug (comes complete with mating socket)

Model code

Model	Calibration	Tip length (in mm)	Cable length (in Mtrs) if non standard	Options
Mb06	J JD K	0		Termination A 100mm flying Tails Process thread M18 M18 x 1.5 I Insulated Junction WSQ 90°C cable exit
		5	1 (1Mtrs)	
		10	2 (2Mtrs)	
		15	5 (5Mtrs)	
		20		
25				

Accessories



Compression fittings



Connectors



Extension cable

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