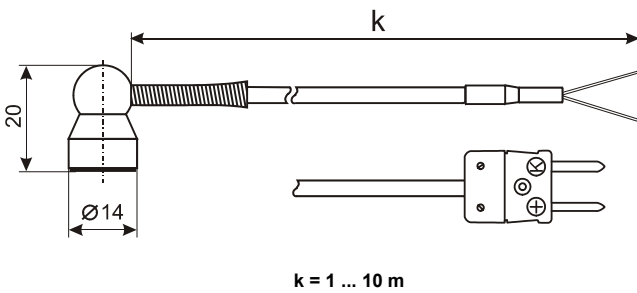


# temperature probes

MAGNETIC PROBE FOR SURFACE MEASUREMENT (SPECIAL DESIGN FOR INDUCTION HEATING) Design - pawn-type plastic body w/ permanent magnet ring Cable - see table notes	M(BTSM) MI(BTSMI)	SENSITIVE ELEMENT	CABLE TYPE	TEMPERATURE RANGE	WIRES
 <p>k = 1 ... 10 m</p>	1 x Pt (RB,RD,RF,RG)	SLFSL, TFT	T7** 0...200 °C T9** -50...200 °C	2, 3*	
	1 x K, 1 x J	YFY	T10 -10...60 °C T12 -50...100 °C T19 0...100 °C	2	
	1 x T			2	
	<p><b>Sheath material:</b> PPS plastic, magnet ring w/ ferrous metal jacket</p> <p><b>Cable type:</b> - SLFSL or TFSL (silicone w/ copper shield, max. 250 °C ambient temperature) - TFT (Teflon® w/ copper shield, max. 250 °C ambient temperature) - YFY (PVC w/ copper shield, max. 105 °C ambient temperature)</p> <p><b>Tip shape:</b> - RTD: standard - T/C: grounded (see Appendix - Tip shapes)</p> <p><b>Accuracy class:</b> - RTD: 'A', 'B', or '2xB' - T/C: '1' or '2' (see Appendix - RTD or T/C Tolerance)</p> <p><b>Cable connector:</b> 4-pin (C3), 'T/C standard' (C5) or 'T/C miniature' (C6) (see Appendix - Connectors)</p> <p>* Please contact BASI! ** Up to 250 °C (short-term)</p>				

## Ordering code BTSM(I) - G2.G3.G8.G11.G12.G15 - #1

Code	Feature or option	Code values	
G2	Sensor	RB - Pt50, RD - Pt100, RF - Pt500, RG - Pt1000, J - T/C type "J", K - T/C type "K", T - T/C type "T"	
G3	Temperature range	T7 - 0...200(250) °C, T9 - -50...200(250) °C, T10 - -10...60 °C, T12 - -50...100 °C, T19 - 0...100 °C	
G8	Cable length 'k' [m] and type	1SL...10SL - silicone, 1TF...10TF - Teflon®, 1PV...10PV - PVC	
G11	Accuracy class	RTD	A - 'A', B - 'B', C - '2xB'
		T/C	1 - '1' (2), 2 - '2'
G12	Number of wires (1)	2, 3 (2)	
G15	Connector	X - none, C3 - 4-pin male plug-in connector ø8 (for H5700 thermometer only), C5 - T/C connector, C6 - miniature T/C connector	
#1	Options	X - none, OB - braid termination lead (only w/o connector)	

(1) Only for RTD sensors!

(2) Contact BASI!