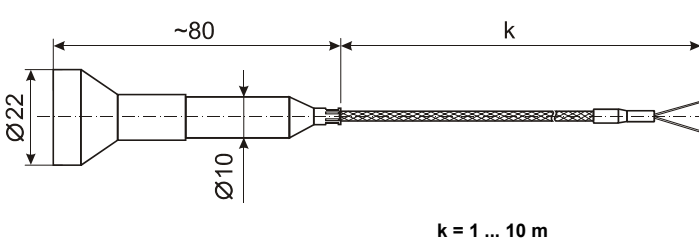


temperature probes

MAGNETIC THERMOCOUPLE PROBE FOR SURFACE MEASUREMENT (SPECIAL DESIGN FOR INDUCTION HEATING) Design - aluminum & SS body w/ permanent magnet ring and T/C spring Extension cable - see table notes	MS(BTSMS) MSI(BTSMSI)	SENSITIVE ELEMENT	CABLE TYPE	TEMPERATURE RANGE	WIRE [mm]
 <p style="text-align: center;">k = 1 ... 10 m</p>	1 x K, 1 x J, 1 x N	GLGLP, GLGLV	T8 0...400 °C	0.5	<p>Sheath material: 1.4301 (M1), 1.4541 (M2), 1.4571 (M3), 1.4404 (M9)</p> <p>Cable type: GLGLP(V) (glass fiber w/ steel braid, max. 400 °C ambient temperature)</p> <p>Tip shape: exposed hot junction, flat-surfaced (see Appendix - Tip shapes)</p> <p>Accuracy class: '1' or '2' (see Appendix - T/C Tolerance)</p> <p>Thermocouple connector: 'standard' (C5) or 'miniature' (C6) (see Appendix - Connectors)</p>

Ordering code **BTSMS(I) - G2.G8.G10.G11.G15 - #1**

Code	Feature or option	Code values
G2	Thermocouple	J - type "J", K - type "K", N - type "N"
G8	Cable length 'k' [m] and type	1GL...10GL - glass fiber
G10	Sheath material	M1 - 1.4301, M2 - 1.4541, M3 - 1.4571, M9 - 1.4404
G11	Accuracy class	1 - '1' ⁽¹⁾ , 2 - '2'
G15	Connector	X - none, C5 - T/C connector, C6 - miniature T/C connector
#1	Options	X - none, OS - cable protection SS spring (≈ 50 mm), OB - braid termination lead (only w/o connector)

⁽¹⁾ Contact BASII