

temperature probes

CERAMIC PROBE WITH EXTENSION CABLE AZx(BTSAZx) Sheath - ceramic (see table notes) Holding tube - stainless steel 1.4301 or 1.4541 Extension cable - see table notes	SENSITIVE ELEMENT	TEMPERATURE RANGE	DIMENSIONS	
			WIRE [mm] MI [mm]	n [mm]
<p>DESIGN WITH HOLDING TUBE (AZ1)</p> <p>DESIGN WITH HIGH-TEMPERATURE CABLE (AZ2)</p> <p>k = 1 ... 10 mm</p>	1 x K, 1 x N	T13 0...1000 °C T16 0...1100 °C T6 0...1200 °C	1.0 MI 3.0, 4.5 (Inconel 600) MI 3.0, 4.5 (Nicrobell®)	50...300; 310...600
	1 x S 1 x R	T5 0...1500 °C T14 0...1600 °C	0.35 0.5	100...300; 310...600
	1 x B	T14 0...1600 °C T15 0...1700 °C	0.35 0.5	100...300; 310...600
	<p>Ceramic sheath material: Oxal 710 (C2), Alsint 799 (C3), Hexoloy® (C6) (see Appendix - Sheath materials)</p> <p>Cable type: - SLSL or TSL (silicone, max. 250 °C ambient temperature) - GLGLP (glass fiber w/ steel braid, max. 400 °C ambient temperature) - SFSF (mineral fiber, max. 1000 °C ambient temperature) - KFKF (ceramic fiber, max. 1200 °C ambient temperature)</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>			
	* Please contact BASI!			

Ordering code BTSAZ(1,2) - G2.G3.G6.G8.G10.G11.G15 - #1

Code	Feature or option	Code values
G2	Thermocouple	K - type "K", N - type "N", S - type "S", R - type "R", B - type "B"
G3	Temperature range	T5 - 0...1500 °C, T6 - 0...1200 °C, T13 - 0...1000 °C, T14 - 0...1600 °C, T15 - 0...1700 °C, T16 - 0...1100 °C
G6	Probe length 'n' [mm]	T/Cs "K", "N" 50...600
		T/Cs "S", "R", "B" 100...600
G8	Cable length 'k' [m] and type	1GL...10GL - glass fiber, 1SL...10SL - silicone, 1MF...10MF - mineral fiber, 1CF...10CF - ceramic fiber
G10	Sheath material	C2 - ceramic Oxal 710, C3 - ceramic Alsint 799, C6 - Hexoloy®
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, OB - braid termination lead (only w/o connector)

⁽¹⁾ Contact BASI!