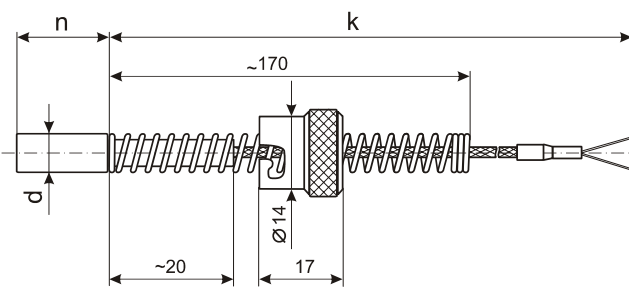


# temperature probes

BAYONET CABLE INSERT BS(BTSBS) Sheath - stainless steel (see table notes) Cable - see table notes	SENSITIVE ELEMENT	CABLE TYPE	TEMPERATURE RANGE	DIMENSIONS											
				d [mm]	wires										
 <p>n = 5 ... 25 mm      k = 1 ... 10 m</p> <table border="1" data-bbox="207 940 646 1008"> <tr> <td>insert diameter 'd' [mm]</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> </tr> <tr> <td>spring OD [mm]</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> </tr> </table>	insert diameter 'd' [mm]	5	6	7	8	spring OD [mm]	5	6	7	8	RTD Design				
	insert diameter 'd' [mm]	5	6	7	8										
	spring OD [mm]	5	6	7	8										
	1 x Pt (RB,RD,RF,RG)	SLSL, TSL	T9	-50...200 °C	5	2, 3*									
GLGL, TT		T1*	-50...400 °C												
		T7	0...200 °C	6, 7, 8	2, 3										
		T8	0...400 °C												
Thermocouple Design															
1 x K, 1 x J	SLSL, TSL	T9	-50...200 °C	5*, 6, 7, 8	2										
	GLGL, TT	T1*	-50...400 °C												
		T7	0...200 °C												
		T8	0...400 °C												
<p><b>Sheath material:</b> 1.4301 (M1), 1.4541 (M2), 1.4571 (M3), 1.4404 (M9)</p> <p><b>Cable type:</b> - GLGL(V) (glass fiber w/ steel braid, max. 400 °C ambient temperature) - SLSL or TSL (silicone, max. 250 °C ambient temperature) - TT (Teflon®, max. 250 °C ambient temperature)</p> <p><b>Tip shape:</b> - RTD: standard - T/C: standard (isolated) or 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><b>Bayonet:</b> - ø14x1; aluminum or Ni-plated brass (default) - ø12x1, ø15x1, ø18x1, or other on request</p>															
* Please contactBASII!															

**Ordering code** BTSBS - G2.G3.G4.G5.G6.G8.G10.G11.G12.G14.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"	
G3	Temperature range	T7 - 0...200 °C, T9 - -50...200 °C, T8 - 0...400 °C, T1 - -50...400 °C	
G4	Diameter 'd' [mm]	5, 6, 7, 8	
G5	Bayonet	12 - ø12x1, 14 - ø14x1, 15 - ø15x1, 18 - ø18x1, Z - other (specify!) <sup>(3)</sup>	
G6	Probe length 'n' [mm]	5...25	
G8	Cable length 'k' [m] and type	1GL...10GL - glass fiber, 1SL...10SL - silicone, 1TF...10TF - Teflon®	
G10	Sheath material (wetted parts)	RTD	M1 - 1.4301, M2 - 1.4541, M3 - 1.4571, M9 - 1.4404
		T/C	M2 - 1.4541, M3 - 1.4571, M9 - 1.4404
G11	Accuracy class	RTD	A - 'A', B - 'B', C - '2xB'
		T/C	1 - '1' <sup>(3)</sup> , 2 - '2'
G12	Number of wires <sup>(1)</sup>	2, 3 <sup>(3)</sup>	
G14	Tip shape (hot junction) <sup>(2)</sup>	X - standard (isolated from sheath), G - grounded	
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, OV - vibration proof (MgO or Silicone filled), OB - braid termination lead (only w/o connector), OP - electrochemically polished sheath surface	

<sup>(1)</sup> Only for RTD sensors!

<sup>(2)</sup> Only for thermocouples!

<sup>(3)</sup> Contact BASII!