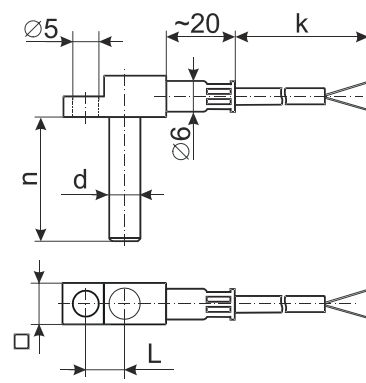


temperature probes

ANGLED PROBE WITH SCREW FIXING Sheath - stainless steel (see table notes) Cable - see table notes	G (BTSG)	SENSITIVE ELEMENT	CABLE TYPE	TEMPERATURE RANGE	DIMENSIONS									
					d [mm]	wires								
 <p>n = 10 ... 30 mm k = 1 ... 10 m</p> <table border="1" data-bbox="446 940 718 1064"> <tr> <td>□</td> <td>8x8</td> <td>10x10</td> </tr> <tr> <td>Lmin</td> <td>7</td> <td>9</td> </tr> <tr> <td>d</td> <td>4, 5</td> <td>4, 5, 6</td> </tr> </table>	□	8x8	10x10	Lmin	7	9	d	4, 5	4, 5, 6	1 x Pt (RB,RD,RF,RG)	GLGL	T8 0...400 °C T7 0...200 °C	4*, 5 6	2, 3*
	□	8x8	10x10											
Lmin	7	9												
d	4, 5	4, 5, 6												
1 x K, 1 x J, 1 x T	SLSL, TSL TT YY, UU, YU	T9 -50...200 °C T7 0...200 °C T10 -10...60 °C T12 -50...100 °C	5, 6	2										
<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) - SLSL or TSL (silicone, max. 250 °C ambient temperature) - TT (Teflon®, max. 250 °C ambient temperature) - YY (PVC, max. 100 °C ambient temperature) - UU or YU (PUR, max. 80 °C ambient temperature)</p> <p>Tip shape: - RTD: standard - T/C: standard (isolated) or grounded (see Appendix - Tip shapes)</p> <p>Accuracy class: - RTD: 'A', 'B', or '2xB' - T/C: '1' or '2' (see Appendix - RTD or T/C Tolerance)</p> <p>Cable connector: 4-pin (C3), 'T/C standard' (C5) or 'T/C miniature' (C6) (see Appendix - Connectors)</p> <p>* Please contact BASI!</p>														

Ordering code BTSG - G2.G3.G4.G5.G6.G7.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", T - T/C type "T"
G3	Temperature range	T7 - 0...200 °C, T8 - 0...400 °C, T9 - -50...200 °C, T10 - -10...60 °C, T12 - -50...100 °C
G4	Diameter 'd' [mm]	4, 5, 6
G5	Dimension 'n'	8 - 8x8 mm, 10 - 10x10 mm
G6	Probe length 'n' [mm]	10...30
G7	Dimension 'L' [mm]	7...20
G8	Cable length 'k' [m] and type	1GL...10GL - glass fiber, 1SL...10SL - silicone, 1TF...10TF - Teflon®, 1PU...10PU - polyurethane ⁽³⁾ , 1PV...10PV - PVC
G10	Sheath material	M1 - 1.4301, M2 - 1.4541, M3 - 1.4571, M9 - 1.4404
G11	Accuracy class	RTD A - 'A', B - 'B', C - '2xB'
		T/C 1 - '1' ⁽³⁾ , 2 - '2'
G12	Number of wires ⁽¹⁾	2, 3
G14	Tip shape (hot junction) ⁽²⁾	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), OS - cable protection SS spring (≈ 50 mm), OB - braid termination lead (only w/o connector), OP - electrochemically polished sheath surface

⁽¹⁾ Only for RTD sensors!

⁽²⁾ Only for thermocouples!

⁽³⁾ Contact BASI!