

**Product Information**

**Temperature Sensors**

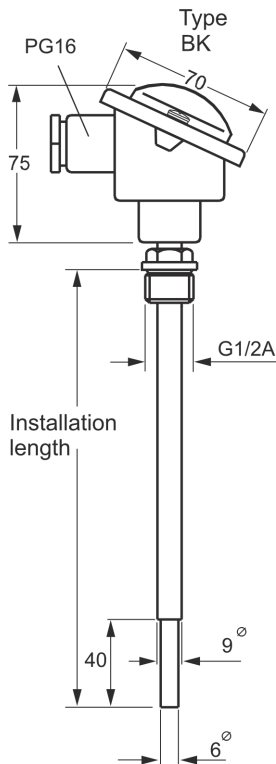
**Temperature Sensor  
8101/A**



**Characteristics**

- Thermocouple Fe-CuNi (type J); NiCr-Ni (type K)
- RTD Pt100/Pt1000 class B,
- Protective tube, stainless steel 1.4571
- Connection head form BK/PK, DIN 43729, IP65
- Head transmitter optional

**Dimensions**



**Ordering code**

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.  
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<b>1. Measuring element</b>	8101/A	Pt100 class B
<b>2. Number of elements</b>	1	1 measuring element
	2	2 measuring elements
<b>3. Connection type</b>	2L	2-wire (as 3- and 4-wire applicable)
<b>4. Measuring tip diameter</b>	9/6	Ø 9mm, sensor tip 40mm reduced to Ø 6mm
<b>5. Fitting length (mm)</b>	40	40 mm
	100	100 mm
	160	160 mm
	250	250 mm
	400	400 mm
	600	600 mm
	xx	custom length; specify the length in the plain text
<b>6. Neck pipe length (mm)</b>	0	without
	50	50 mm
	100	100 mm
	xx	custom length; specify the length in the plain text
<b>7. Process connection</b>	G ½	fixed gland ½ "
	G ¾	fixed gland ¾ "
	G1	fixed gland 1"
<b>8. Connection head</b>	PK	form P (miniature head) IP65
	BK	form B (standard) IP65
<b>9. Operating temperature</b>	400 °C	
<b>10. Options</b>	00	without option
	T4	integrated head transmitter 4...20mA (only head BK)

**Stock**

- 8101/A-1-9/6-160-0-G1/2A-BK-500 °C
- 8101/A-1-9/6-250-0-G1/2A-BK-500 °C
- 8101/A-1-9/6-400-0-G1/2A-BK-500 °C
- 8101/A-1-9/6-600-0-G1/2A-BK-500 °C
- 8101/A-2-9/6-160-0-G1/2A-BK-500 °C