

## Datasheet

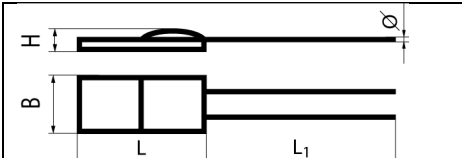
## 1,6x1,2Pt1000B

## 131000

### Summary

This platinum temperature sensor element is characterized by its small size and is therefore used in the smallest applications.

### Dimensions in mm

	<b>L</b>	<b>B</b>	<b>L<sub>1</sub></b>	<b>H</b>	<b>Ø</b>
	1,6 ± 0,2	1,2 ± 0,2	10 ± 1	0,8 ± 0,2	0,2 ± 0,01

### Technical specifications

Nominal resistance R <sub>0</sub> at 0°C	Specification	Tolerance	Order Number	Item Number
1000 Ω	DIN EN 60751	F 0,3 (DIN B)	1,6x1,2Pt1000B	131000

Temperature range:

-200 ° C to +600 ° C

Validity of tolerance F 0.3: -200 ° C to +600 ° C

Temperature coefficient:

TK = 3850 ppm / K

Connecting wires:

PtNi coated wire, suitable for welding, crimping and soft / hard soldering

Long-term stability:

max. 0.04 % after 1,000 hours at maximum working temperature

Recommended measuring current:

0.3 mA (consider self-heating)

#### Note:

**Please refer to our application and installation instructions.**

RoHS compliant