



### Technical data

measuring range	-30°C...+125°C (short-term 150°C)
connection wire (cable-jacket/wire)	stranded wire PTFE AWG16/19 CU silver plated
colour of cable	blue
protection category	IP20 according to DIN EN 60529

### ambient conditions

process pressure	at normal pressure
dew-point-resistance	no
storage temperature	0°C...+70°C

**Type key configuration**

Pos.:	Physical characteristics	Key	Characteristic
1	cable length KL	A0	200mm -5+25
		A1	300mm -5+25
		A2	400mm -5 +25
2	sensorelement-type	B0	NTC 10K@25°C B25/85=3977 B±1%/R±1%, valid from 50°C, <50°C is B2%/R2% <sup>*1</sup>
		B1	NTC 10K@25°C B25/85=3435 B±1%/R±1% <sup>*2</sup>
		B2	NTC 10K@25°C B25/85=3977 B±1%/R±1% <sup>*3</sup>
		B3	NTC 20K@25°C B25/85=3970 B±1%/R±1% <sup>*1</sup>
		B4	Pt100, tolerance class A according to DIN EN 60751
		B5	Pt100, tolerance class B according to DIN EN 60751
		B6	Pt1000, tolerance class A according to DIN EN 60751
3	sensor connection	C0	wire ends tinned
		C1	wire end sleeves blue 0,25mm <sup>2</sup>

**Existing configurations**

Type	Order number	Item number	Old order number
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**Remarks**

\*1 NTC glas encasulated, Tmax=250°C

\*2 !!! CAUTION: This sensor element can only be loaded up to 125°C (short-term 150°C). The maximum temperature of the sensor is affected by this restriction!!!

\*3 !!! CAUTION: This sensor element can only be loaded up to 125°C (short-term 150°C). The maximum temperature of the sensor is affected by this restriction!!!

We reserve the right to make technical modifications and correction at any time without prior notice!

This version of the data / type sheet is a translation by a partner. We assume no liability for translation errors. If the translation contains errors or ambiguities, the German version of the data / type sheet is to be used.

**Revision**

Version	Effective from	Comment
<u>1.0</u>	11.11.2015 12:24:21	Typenblatt angelegt