



Technical data

measuring range	-30°C...180°C
response time	at present not determined
material casing	CUZn39Pb3 nickel plated
protection class	III
protection category	IP67 according to DIN EN 60529
tensile strain (cable to sleeve)	max 10N
connection wire (cable-jacket/wire)	silicone/ PTFE 4xAWG26/7
insulation resistance	500V
colour of cable	grey

ambient conditions

dew-point-resistance	no
storage temperature	+5°C...+70°C
process pressure	at normal pressure

Miscellaneous

labelling	by labelling on cable "order-no +WW/YY"
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Type key configuration

Pos.:	Physical characteristics	Key	Characteristic
1	sensorelement-type	A0	Pt100, tolerance class B according to DIN EN 60751
		A1	Pt100, tolerance class A according to DIN EN 60751
		A2	Pt100, tolerance class AA according to DIN EN 60751
		A3	Pt1000, tolerance class B according to DIN EN 60751
		A4	Pt1000, tolerance class A according to DIN EN 60751
		A5	Pt1000, tolerance class AA according to DIN EN 60751
		A6	NTC 10K@25°C B25/85=3977 B±1%/R±1% * ¹
		A7	NTC 5K@25°C B25/85=3977 B±1%/R±1% * ²
		A8	NTC 10K@25°C B25/85=3435 B±1%/R±1% * ²
		A9	NTC 2,2K@25°C B25/85=3552 B±1%/R±1% * ²
2	cable length KL	B0	1000mm-50+100 * ³
		B1	1500mm-50+100 * ³
		B2	2000mm-50+100 * ³
		B3	2500mm-50+100 * ³
3	sensor connection	C0	wire end sleeves blue 0,25mm ²

Existing configurations

Type	Order number	Item number	Old order number
TR4-1001	<u>TR4-1001-B3A1</u>	800-651	

Remarks

*1 !!! 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!!!

*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 stripping length AL=40mm +10-10

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>	04.12.2014 11:05:51	Typenblatt angelegt