



technical data

measuring range	-40°C...180°C
response time	T05=13sec/ T09=28sec *1
outer diameter tube D	6mm
material (process-intrusive)	sleeve V2A/V4A/ connection piece Cu tinned
connection wire (cable-jacket/wire)	silicone/silicone 180°C,4x0,35mm ² , CuSn
protection category	IP67 according to DIN EN 60529
protection class	III
tensile strain (cable to sleeve)	max 20N
insulation resistance	500V
colour of cable	grey

ambient conditions

application area	liquid and gaseous media
storage temperature	+5°C...+70°C
process pressure	at normal pressure
dew-point-resistance	no

Miscellaneous

labelling	by engraving on sleeve, "batch-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
2	cable length KL	B0	1000mm-50+100 *2
		B1	1500mm-50+100 *2
		B2	2000mm-50+100 *2
		B3	2500mm-50+100 *2
		B4	5000mm -100+200 *2
3	sensor connection	C0	wire end sleeves orange 0,5mm ²
		C1	wire end sleeves grey 0,75mm ²
		C2	wire ends tinned

Existing configurations

Type	Order number	Item number	Old order number
TR6-1000	TR6-1000-A1B4C1	800-501	
TR6-1000	TR6-1000-A1B2C1	800-031	

Remarks

*1 measured at block of aluminium, 60°C, with heat-conductive paste

*2 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>	13.12.2013 09:55:44	Typenblatt angelegt