


TECHNICAL DATA

measuring range	-5°C...105°C
response time	T05=13sec/ T09=28sec *1
outer diameter tube D	5.5mm
material (process-intrusive)	sleeve V2A/ connection piece Cu tinned
connection wire (cable-jacket/wire)	PVC/PVC 90°C(short-term 105°C), 2x0,35mm ²
protection category	IP63 according to DIN EN 60529
protection class	III
tensile strain (cable to sleeve)	max 10N
insulation resistance	500V
colour of cable	black/anthracite

AMBIENT CONDITIONS

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

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	Pt1000, tolerance class B according to DIN EN 60751
		A3	Pt1000, tolerance class A according to DIN EN 60751
		A4	KTY81-210
2	cable length KL	B0	1000mm-50+100 *2
		B1	2000mm-50+100 *2
		B2	4000mm -50+100 *2
3	sensor connection	C0	wire end sleeves grey 0,75mm ²

EXISTING CONFIGURATIONS

Type	Order number	Item number	Old order number
TR5.5-1001	<u>TR5.5-1001-A2B2C0</u>	800-808	

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!

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REVISION

Version	Effective from	Comment
<u>1.0</u>	13.09.2016 14:27:40	Typenblatt angelegt