



technical data

measuring range	-40°C...+110°C
response time	T05=5sec/ T09=15sec *1
material (process-intrusive)	1.4404/1.4571 (316L/316Ti)
outer diameter tube D	4mm
protection category	IP68 according to DIN EN 60529
protection class	III
tensile strain (cable to sleeve)	max 20N
connection wire (cable-jacket/wire)	Silikon/TPE 2xAWG26/7 *2
insulation resistance	500V
colour of cable	grey

ambient conditions

application area	liquid and gaseous media
dew-point-resistance	yes
storage temperature	-20°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	length of sleeve HL	A0	40mm
2	sensorelement-type	B0	Pt100, tolerance class B according to DIN EN 60751
		B1	Pt100, tolerance class A according to DIN EN 60751
		B2	Pt100, tolerance class AA according to DIN EN 60751
		B3	Pt1000, tolerance class B according to DIN EN 60751
		B4	Pt1000, tolerance class A according to DIN EN 60751
		B5	Pt1000, tolerance class AA according to DIN EN 60751
		B6	NTC 10K@25°C B25/85=3977 B±1%/R±1%, valid from 50°C, <50°C is B2%/R2% *3
		B7	NTC 20K@25°C B25/85=3970 B±1%/R±1% *3

Pos.:	Physical characteristics	Key	Characteristic
3	cable length KL	C0	2000mm-50+100 *4
		C1	5000mm -100+200 *4
4	sensor connection	D0	wire end sleeves blue 0,25mm ²

Existing configurations

Type	Order number	Item number	Old order number
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Remarks

*1 measured in water 70°C, 0,04m/sec

*2 Dauerbelastung -40°C...110°C, kurzzeitig 150°C (Dauer<=1000h, dR25/R25 <2%)

*3 NTC glas encasulated, Tmax=250°C

*4 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
1.0	27.01.2015 13:59:10	Typenblatt angelegt