



TECHNICAL DATA

measuring range	-40°C...+90°C
response time	T05=5sec/ T09=15sec *1
material (process-intrusive)	1.4404/1.4571 (316L/316Ti)
outer diameter tube D	4mm
protection category	IP53 according to DIN EN 60529
protection class	III
tensile strain (cable to sleeve)	max 20N
connection wire (cable-jacket/wire)	PVC/PVC 70°C 2x0,14mm ²
insulation resistance	500V DC testing voltage
colour of cable	grey

AMBIENT CONDITIONS

application area	liquid and gaseous media
dew-point-resistance	no
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
		A1	100mm
2	sensorelement-type	B0	Pt100, tolerance class B according to DIN EN 60751
		B1	Pt100, tolerance class A according to DIN EN 60751
		B2	Pt1000, tolerance class B according to DIN EN 60751
		B3	Pt1000, tolerance class A according to DIN EN 60751
		B4	NTC 20K@25°C B25/85=3970 B±1%/R±1% *2
		B5	NTC 10K@25°C B25/85=3977 B±1%/R±1%, valid from 50°C, <50°C is B2%/R2% *2
3	cable length KL	C0	2000mm-50+100 *3
		C1	5000mm -100+200 *3
4	sensor connection	D0	wire end sleeves 0,25mm ²

EXISTING CONFIGURATIONS

Type	Order number	Item number	Old order number
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REMARKS

measured in water 70°C, 0,04m/sec
 *1 measured in water 70°C, 0,04m/sec

*2 NTC glas encasulated, T_{max}=250°C

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>	02.06.2017 13:27:44	Typenblatt angelegt