

**technical data**

measuring range	-30°C...150°C
response time	T05=4sec/ T09=15sec *1
material (process-intrusive)	316L *2
connection wire (cable-jacket/wire)	silicone/PFA/FEP 2xAWG26/7
protection category	IP54 gemäß DIN EN 60529
protection class	III
insulation resistance	500V
colour of cable	grey

ambient conditions

dew-point-resistance	no
installation instructions	For mounting in a suitable mounting application

Miscellaneous

labelling	by engraving of housing, "batch-no"
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Type key configuration

Pos.:	Physical characteristics	Key	Characteristic
1	cable length KL	A0	500mm-10+40 *3
		A1	1000mm-50+100 *3
		A2	1500mm-50+100 *3
		A3	2000mm-50+100 *3
		A4	2500mm-50+100 *3

Pos.:	Physical characteristics	Key	Characteristic
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% *4
		B7	NTC 5K@25°C B25/85=3977 B±1%/R±1% *5
		B8	NTC 10K@25°C B25/85=3435 B±1%/R±1% *5
		B9	NTC 2,2K@25°C B25/85=3552 B±1%/R±1% *5
		B10	NTC 20K@25°C B25/85=3970 B±1%/R±1% *6
B11	NTC 22K@25°C B25/85=3720 B±1%/R±1% *6		
3	sensor connection	C0	wire end sleeves 0,14mm ²
		C1	wire end sleeves turquoise 0,34mm ²
		C2	wire end sleeves orange 0,5mm ²
		C3	wire ends tinned

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 in contact with product PB

*3 stripping length AL=40mm +10-10

*4 !!! 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!!!

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*6 NTC glas encasulated, Tmax=250°C

Revision

Version	Effective from	Comment
<u>1.0</u>	16.04.2014 10:38:57	Typenblatt angelegt