



**technical data**

measuring range	-10°C... +125°C
outer diameter tube D	6mm
material (process-intrusive)	1.4435/ 1.4404/ 1.4571
connection wire (cable-jacket/wire)	silicone/silicone 180°C,4x0,35mm <sup>2</sup> , CuSn
response time	T05=6sec/ T09=15sec * <sup>1</sup>
protection category	IP20
protection class	III
insulation resistance	500V housing against internal design * <sup>2</sup>
colour of cable	grey

**ambient conditions**

storage temperature	+5°C...+70°C
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	length of sleeve HL	A0	50mm
		A1	80mm
2	cable length KL	B0	500mm-10+40 * <sup>3</sup>
		B1	1000mm-50+100 * <sup>3</sup>
		B2	1500mm-50+100 * <sup>3</sup>
		B3	2000mm-50+100 * <sup>3</sup>
		B4	2500mm-50+100 * <sup>3</sup>

Pos.:	Physical characteristics	Key	Characteristic
3	sensorelement-type	C0	Pt100, tolerance class B according to DIN EN 60751
		C1	Pt100, tolerance class A according to DIN EN 60751
		C2	Pt100, tolerance class AA according to DIN EN 60751
		C3	Pt1000, tolerance class B according to DIN EN 60751
		C4	Pt1000, tolerance class A according to DIN EN 60751
		C5	Pt1000, tolerance class AA according to DIN EN 60751
4	sensor connection	D0	wire end sleeves grey 0,75mm <sup>2</sup>
		D1	wire end sleeves orange 0,5mm <sup>2</sup>
		D2	wire ends tinned

### Existing configurations

Type	Order number	Item number	Old order number
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### Remarks

deposits and adhesions may affect the measurement

\*1 manufacturer specifications of sensorchip including a safety margin/ measured in air 2m/s

\*2 test voltage from housing to internal design. value does not refer to the isolation of measuring filament of the chip to surrounding area

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

### Revision

Version	Effective from	Comment
1.0	19.08.2014 12:07:05	Typenblatt angelegt