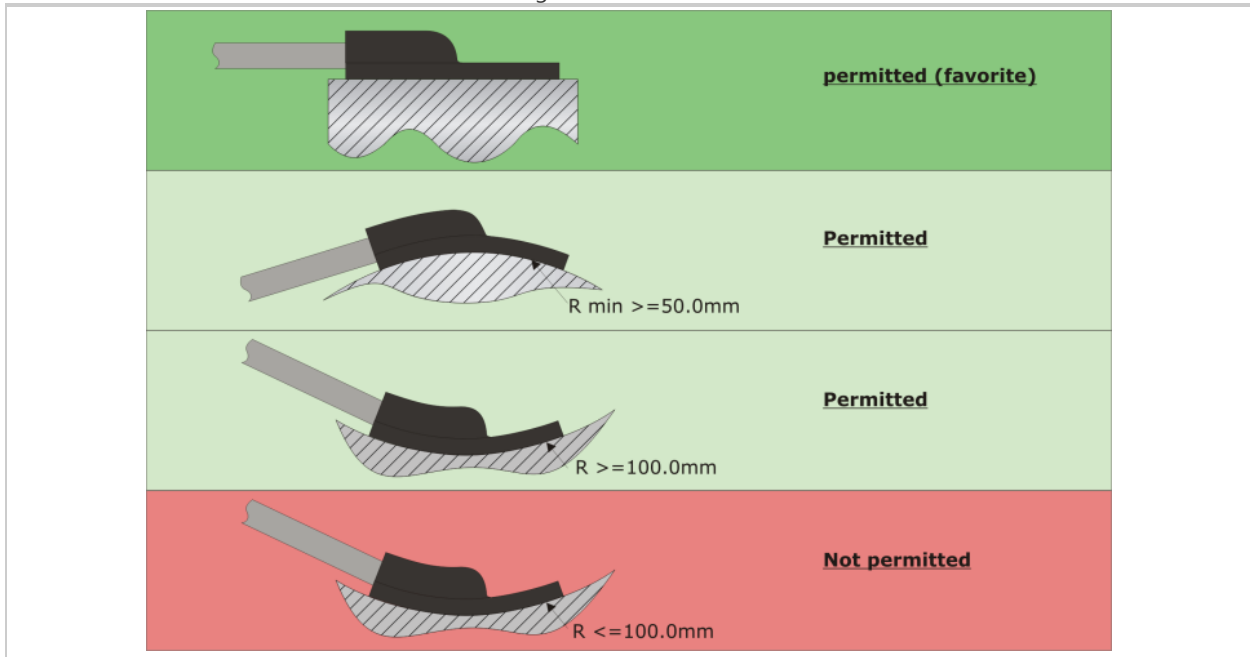


**technical data**

measuring range	-20...+90°C
response time	T05=3sec/ T09=8sec Anlege *1
dimensions mounting device	40mmx15mmx3mm an der Klebefläche zur Montage auf metallischen Untergründen. Kabeleintritt 21x12x9mm, Messfläche Ø8mm *2



material casing	mounting device Macromelt OM 678 / 1.4404
connection wire (cable-jacket/wire)	PVC/PVC 70°C, 2x0,35mm <sup>2</sup>
protection category	IP50 according to DIN EN 60529, contact sensor *3
protection class	III
insulation resistance	500V
colour of cable	grey

**ambient conditions**

application area	dry use
storage temperature	-20°C...+70°C
process pressure	at normal pressure
dew-point-resistance	no

**Miscellaneous**

labelling	by labelling on cable "order-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	Pt100, tolerance class AA according to DIN EN 60751
		A3	Pt1000, tolerance class B according to DIN EN 60751
		A4	Pt1000, tolerance class A according to DIN EN 60751
		A5	Pt1000, tolerance class AA according to DIN EN 60751
		A6	NTC 5K@25°C B25/85=3977 B±1%/R±1% *4
		A7	NTC 10K@25°C B25/85=3977 B±1%/R±1% *5
		A8	NTC 10K@25°C B25/85=3435 B±1%/R±1% *4
		A9	NTC 2,2K@25°C B25/85=3552 B±1%/R±1% *4
2	cable length KL	B0	1000mm-50+100 *6
		B1	1500mm-50+100 *6
		B2	2000mm-50+100 *6
		B3	2500mm-50+100 *6
3	sensor connection	C0	wire end sleeves orange 0,5mm <sup>2</sup>
		C1	wire end sleeves grey 0,75mm <sup>2</sup>

**Existing configurations**

Type	Order number	Item number	Old order number
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**Remarks**

- \*1 measured at a plain surface of a aluminium block; 60°C, with a drop of water
- \*2 on a dry, fat-free, dust-free and cleaned surface with applicable Loctite cleaner (e.g. Loctite 7063). Glues e.g. Loctite 435 (up to 100°C) or Loctite 3090 (gap bridging up to 80°C)
- \*3 at water-tight glueing by user of the sensor with the surface up to IP67 is possible. temperature range from 0°C up to 80°C.
- \*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!!!
- \*5 !!! 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!!!
- \*6 stripping length AL=40mm +10-10

**Revision**

Version	Effective from	Comment
<u>1.0</u>	02.12.2014 06:59:37	Typenblatt angelegt