



**TECHNICAL DATA**

measuring range	-40°C...150°C
response time	T05=6sec/ T09=18sec *1
outer diameter tube D	6 mm
material (process-intrusive)	V2A/V4A
connection wire (cable-jacket/wire)	Silikon/Silikon, 180°C, 2x0,34mm <sup>2</sup> , CuSn, schneidklemmfähig *1
protection category	IP68 gemäß DIN EN 60529 / Kabelfühler *2
protection class	III
tensile strain (cable to sleeve)	max 20N
insulation resistance	500V
colour of cable	black/anthracite

**AMBIENT CONDITIONS**

application area	liquid and gaseous media
storage temperature	-20°C...+70°C
dew-point-resistance	ja* *3

**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	45mm
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
3	cable length KL	C0	2000mm-50+100 *4
		C1	5000mm -100+200 *4
4	sensor connection	D0	Lumberg Rast 2,5 Serie 3521 *5
		D1	Stocko Rast 2,5 Serie MFMP 7234 *5

**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 Trifft nur für die Sensorspitze/ Kabelübergang zu. Der Fühleranschluss ist ausgenommen. Das Kabel darf nicht beschädigt werden.
- \*3 Wir empfehlen den Einsatz von Platin-Sensorelementen oder speziellen glasgekapselten NTC Sensorchips.

\*4 stripping length AL=40mm +10-10  
 \*5 Details zur Schneidklemme auf Anfrage

We reserve the right to make technical modifications and correction at any time without prior notice!

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**REVISION**

Version	Effective from	Comment
<u>1.0</u>	27.02.2017 12:01:05	Typenblatt angelegt