



**TECHNICAL DATA**

measuring range	0°C...+90°C
response time	T05= 4sec/ T09= 11sec *1
material casing	CuZn39Pb3 (CW614N) *1
protection category	IP54 according to DIN EN 60529
protection class	III
connection wire (cable-jacket/wire)	PVC/PVC 90°C(short-term 105°C), 2x0,35mm <sup>2</sup>
colour of cable	black/anthracite
insulation resistance	750V DC Prüfspannung *1

**AMBIENT CONDITIONS**

storage temperature	-20°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	cable length KL	A0	2000mm-50+100 *2
		A1	5000mm -100+200 *2
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 10K@25°C B25/85=3977 B±1%/R±1% *3
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**

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

\*2 stripping length AL=40mm +10-10

\*3 !!! 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!!!

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>	30.05.2017 10:37:21	Typenblatt angelegt