



**TECHNICAL DATA**

outer diameter tube D	5 mm
material (process-intrusive)	V2A/V4A
connection wire (cable-jacket/wire)	PFA/ PFA , 250°C, 4xAWG26, CuNi
response time	T05=15sec/ T09=35sec
protection category	IP68 according to DIN EN 60529
protection class	III
tensile strain (cable to sleeve)	max 10N
insulation resistance	500V DC testing voltage
colour of cable	white

**AMBIENT CONDITIONS**

application area	liquid and gaseous media
application in water steam	yes, for autoclave up to xx°C, max pressure xxbar
storage temperature	+5°C...+70°C

**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	50mm
		A1	100mm
		A2	170mm *1
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
3	cable length KL	C0	1000mm-50+100 *2
		C1	2000mm-50+100 *2
		C2	5000mm -100+200 *2
		C3	1200mm -50+200 *1
4	sensor connection	D0	wire end sleeves orange 0,5mm <sup>2</sup>
		D1	wire end sleeves turquoise 0,34mm <sup>2</sup>
		D2	wire ends tinned
		D3	wire end sleeves 0,14mm <sup>2</sup>

**EXISTING CONFIGURATIONS**

Type	Order number	Item number	Old order number
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TD5	<u>TD5-A1B0C1D1</u>	800-516	
TD5	<u>TD5-A0B0C2D1</u>	800-554	
TD5	<u>TD5-A1B4C1D1</u>	800-638	
TD5	<u>TD5-A1B4D1</u>	800-727	
TD5	<u>TD5-A1B2C1D1</u>	800-914	
TD5	<u>TD5-A1B1D1</u>	800-951	
TD5	<u>TD5-A2B1C3D3</u>	801-014	

**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

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>	11.02.2014 09:55:41	Typenblatt angelegt