



**TECHNICAL DATA**

measuring range	-40°C...+180°C
response time	at present not determined
material casing	1.4301
protection class	III
protection category	IP67 according to DIN EN 60529
tensile strain (cable to sleeve)	max 20N
connection wire (cable-jacket/wire)	silicone/silicone 180°C, 2x0,34mm <sup>2</sup> , CuSn *1
colour of cable	black/anthracite
testing voltage	500V *2

**AMBIENT CONDITIONS**

dew-point-resistance	no
storage temperature	+5°C...+70°C
process pressure	at normal pressure

**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	Pt1000, tolerance class B according to DIN EN 60751
		A3	Pt1000, tolerance class A according to DIN EN 60751
		A4	NTC 10K@25°C B25/85=3977 B±1%/R±1% *3
		A5	KTY81-210
2	cable length KL	B0	2000mm-50+100 *4
		B1	5000mm -100+200 *4
3	sensor connection	C0	wire end sleeves orange 0,5mm <sup>2</sup>
		C1	wire ends tinned

**EXISTING CONFIGURATIONS**

Type	Order number	Item number	Old order number
TF6x6-1000	<a href="#">TF6x6-1000-A0B0C0</a>	800-873	

**REMARKS**

\*1 halogen-free

\*2 measured in water 70°C, 0,04m/sec

\*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!!!

\*4 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>	10.12.2014 08:21:24	Typenblatt angelegt