


**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)	silicone/silicone 180°C,4x0,35mm <sup>2</sup> , CuSn
protection category	IP68 according to DIN EN 60529
protection class	III
tensile strain (cable to sleeve)	max 20N
insulation resistance	500V
colour of cable	grey

**AMBIENT CONDITIONS**

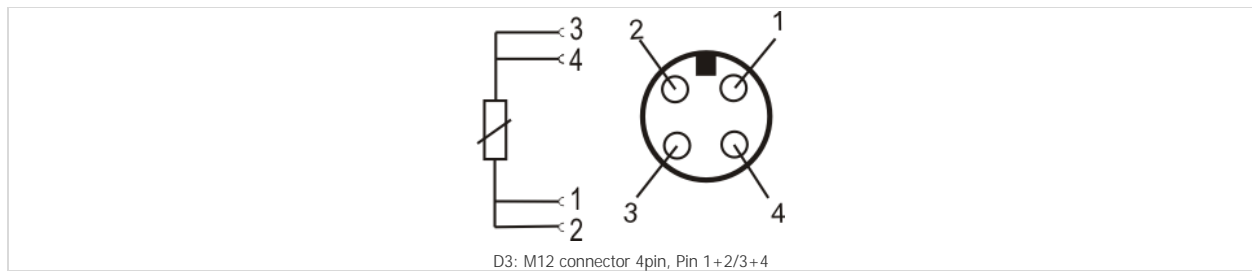
application area	liquid and gaseous media
storage temperature	-20°C...+70°C
process pressure	max 20bar *2
dew-point-resistance	ja* *3

**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	35mm
		A1	45mm
		A2	60mm
		A3	100mm
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 *4
		C1	1500mm-50+100 *4
		C2	2000mm-50+100 *4
		C3	2500mm-50+100 *4
		C4	5000mm -100+200 *4
4	sensor connection	D0	wire end sleeves grey 0,75mm <sup>2</sup>
		D1	wire end sleeves orange 0,5mm <sup>2</sup>
		D2	wire ends tinned
		D3	M12 connector 4pin, Pin 1+2/3+4



D3: M12 connector 4pin, Pin 1+2/3+4

**EXISTING CONFIGURATIONS**

Type	Order number	Item number	Old order number
TT6TP-1001	<u>TT6TP-1001-A3B4C8D0E0</u>	800-531	

**REMARKS**

\*1 measured in water 70°C, 0,04m/sec

\*2 using a suitable compression gland. The user has to check the combination of union and sensor. A shearing off of the sleeve material may not occur. The figure is based on values determined in the laboratory at room temperature and static pressure. Extended specification on request.

\*3 Wir empfehlen den Einsatz von Platin-Sensorelementen oder speziellen glasgekapselten NTC Sensorchips. Bei epoxy-gekapselten NTC muss von einer reduzierten Lebensdauer ausgegangen werden

\*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>1.1</u>	03.05.2017 09:05:31	Update TP-Festigkeit
<u>1.0</u>	09.12.2013 15:16:20	Typenblatt angelegt

