



TECHNICAL DATA

measuring range	-196°C... +250°C *1
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	750V DC Prüfspannung *1
colour of cable	white

AMBIENT CONDITIONS

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

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	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	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 *2
		C1	5000mm -100+200 *2
4	sensor connection	D0	wire end sleeves turquoise 0,34mm ²
		D1	wire ends tinned

EXISTING CONFIGURATIONS

Type	Order number	Item number	Old order number
TP1143	TP1143-A0B1C0D0	800-945	

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!
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REVISION

Version	Effective from	Comment
<u>1.0</u>	27.07.2017 12:49:38	Typenblatt angelegt