



TECHNICAL DATA

measuring range	-40°C...150°C
response time	at present not determined
material casing	CUZn39Pb3 nickel plated
protection class	III
protection category	IP68 according to DIN EN 60529
tensile strain (cable to sleeve)	max 10N
connection wire (cable-jacket/wire)	silicone/PFA/FEP 2xAWG26/7
insulation resistance	500V DC testing voltage
colour of cable	grey

AMBIENT CONDITIONS

dew-point-resistance	yes
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 A according to DIN EN 60751
		A3	Pt1000, tolerance class B according to DIN EN 60751
		A4	NTC 22K@25°C B25/85=3720 B±1%/R±1% *1
2	cable length KL	B0	2000mm-50+100 *2
		B1	5000mm -100+200 *2
3	sensor connection	C0	wire end sleeves 0,25mm ²

EXISTING CONFIGURATIONS

Type	Order number	Item number	Old order number
TP1131	TP1131-A3B0C0	800-883	
TP1131	TP1131-A4B0C0	800-896	
TP1131	TP1131-A3B1C0	801-019	
TP1131	TP1131-A0B1C0	801-053	

REMARKS

*1 NTC glas encasulated, T_{max}=250°C

*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>	21.03.2017 12:22:14	Typenblatt angelegt