



TECHNICAL DATA

measuring range	-20...+90°C
process connection	G1/4"
response time	T05=5sec/ T09=11sec *1
material (process-intrusive)	1.4401/1.4404/ 1.4571 (316/316L/316Ti)
protection category	IP63 according to DIN EN 60529
insulation resistance	500V
connection wire (cable-jacket/wire)	PVC/PVC 2x0,25mm ²
across flats	AF17
colour of cable	black/anthracite

AMBIENT CONDITIONS

operating temperature	-20°C...+90°C
dew-point-resistance	no

MISCELLANEOUS

labelling	by labelling on cable "order-no +WW/YY"
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TYPE KEY CONFIGURATION

Pos.:	Physical characteristics	Key	Characteristic
1	installation length "EL"	A0	24,5 mm
		A1	36,5 mm
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
		B4	NTC 10K@25°C B25/85=3977 B±1%/R±1% *2
3	cable length KL	C0	2000mm-50+100 *3
		C1	5000mm -100+200 *3
4	sensor connection	D0	wire end sleeves orange 0,5mm ²
		D1	wire ends tinned

EXISTING CONFIGURATIONS

Type	Order number	Item number	Old order number
TP1100	TP1100-A0B2C0D0	800-885	

REMARKS

*1 measured in water 70°C, 0,04m/sec

*2 !!! 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!!!

*3 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>	18.06.2016 12:25:51	Typenblatt angelegt