

Technical data

measuring range	-40°C...150°C
response time	at present not determined
material casing	1.4301
protection category	IP68 according to DIN EN 60529
protection class	III
tensile strain (cable to sleeve)	max 10N
connection wire (cable-jacket/wire)	silicone/PFA/FEP 2xAWG26/7
insulation resistance	500V
colour of cable	grey

ambient conditions

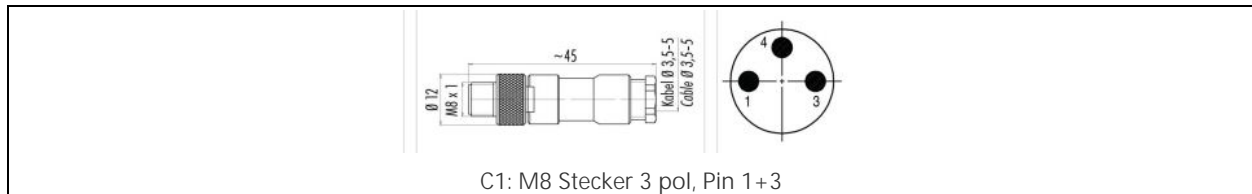
application area	liquid and gaseous media
dew-point-resistance	yes
storage temperature	+5°C...+70°C
process pressure	at normal pressure

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 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%, valid from 50°C, <50°C is B2%/R2% ^{*1}
		A5	NTC 20K@25°C B25/85=3970 B±1%/R±1% ^{*1}
2	cable length KL	B0	1000mm-50+100 ^{*2}
		B1	2000mm-50+100 ^{*2}
3	sensor connection	C0	wire end sleeves blue 0,25mm ²
		C1	M8 Stecker 3 pol, Pin 1+3


Existing configurations

Type	Order number	Item number	Old order number
TP1079	TP1079-A3B0C0	800-693	

Remarks

*1 NTC glas encasulated, Tmax=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!

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>	05.06.2015 12:17:04	Typenblatt angelegt