


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, 2x0,34mm ² , CuSn *2
protection category	IP68 according to DIN EN 60529
protection class	III
tensile strain (cable to sleeve)	max 20N
insulation resistance	750V DC Prüfspannung *1
colour of cable	black/anthracite

AMBIENT CONDITIONS

application area	liquid and gaseous media
storage temperature	-20°C...+70°C
dew-point-resistance	yes* *3
installation instructions	zum Einbau in eine geeignete Einlöthülse mit Sicherungsclip *1


MISCELLANEOUS

labelling	by engraving on sleeve, "batch-no+WW/YY"
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IN VERWENDUNG MIT

SK1014

TYPE KEY CONFIGURATION

Pos.:	Physical characteristics	Key	Characteristic
1	length of sleeve HL	A0	35mm
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 A according to DIN EN 60751
		B3	Pt1000, tolerance class B according to DIN EN 60751
		B4	NTC 10K@25°C B25/85=3977 B±1%/R±1%, valid from 50°C, <50°C is B2%/R2% *4
3	cable length KL	C0	2000mm-50+100 *5
		C1	5000mm -100+200 *5
4	sensor connection	D0	wire end sleeves orange 0,5mm ²
		D1	wire end sleeves grey 0,75mm ²

EXISTING CONFIGURATIONS

Type	Order number	Item number	Old order number
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REMARKS

measured in water 70°C, 0,04m/sec

*1 measured in water 70°C, 0,04m/sec

*2 halogen-free

*3 We recommend to use Platin sensor-elements or special glass-encapsulated NTC sensorchips. When using epoxy-encapsulated NTC the user has to take into account that the NTC may have a reduced lifetime.

*4 NTC glas encasulated, Tmax=250°C

*5 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>	19.05.2017 11:42:58	Typenblatt angelegt