



technical data

measuring range	-30°C...180°C
response time	T05=5sec/ T09=15sec *1
material (process-intrusive)	316L *2
outer diameter tube D	5 mm
protection category	IP69K *3
protection class	III
tensile strain (cable to sleeve)	max 10N
connection wire (cable-jacket/wire)	PFA/PTFE, 250°C 8xAWG28
insulation resistance	500V
colour of cable	white

ambient conditions

application area	liquid and gaseous media
application in water steam	yes, for autoclave up to xx°C, max pressure xxbar

Miscellaneous

labelling	by labelling on cable "order-no +WW/YY"
labelling	by engraving on sleeve, "batch-no+WW/YY"

Type key configuration

Pos.:	Physical characteristics	Key	Characteristic
1	length of sleeve HL	A0	50mm
		A1	100mm
2	sensorelement-type	B0	2xPt100, tolerance class B according to DIN EN 60751
		B1	2xPt100, tolerance class A according to DIN EN 60751
		B2	2xPt100, tolerance class AA according to DIN EN 60751
		B3	2xPt1000, tolerance class B according to DIN EN 60751
		B4	2xPt1000, tolerance class A according to DIN EN 60751
		B5	2xPt1000, tolerance class AA according to DIN EN 60751
3	cable length KL	C0	1000mm-50+100 *4
		C1	2000mm-50+100 *4
		C2	2500mm-50+100 *4

Pos.:	Physical characteristics	Key	Characteristic
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
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Remarks

*1 measured in water 70°C, 0,04m/sec

*2 in contact with product PB

*3 in combination with fitting mating connector

*4 stripping length AL=40mm +10-10

Revision

Version	Effective from	Comment
<u>1.0</u>	06.11.2014 10:33:54	Typenblatt angelegt