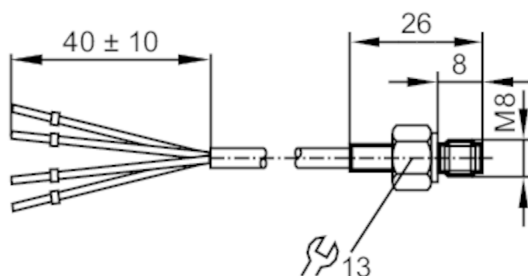


TS285A



Temperature cable sensor with screw-in sensor

TS-200KLM08..../3D/3G



Product characteristics

Measuring range	-20...115 °C	-4...239 °F
Process connection	threaded connection M8 external thread	

Application

Measuring element	1 x Pt 100; (to DIN EN 60751, class A; operating current max. 10 mA)
Installation	surface mount RTD for solid bodies

Electrical data

Operating voltage	[V]	< 6 DC
Insulation rating	[V]	2500; (insulation between sensor housing and internal structure of the sensor)
Protection class		III

Measuring/setting range

Measuring range	-20...115 °C	-4...239 °F
Note on measuring range	measuring range for non-ATEX applications: -20...150 °C / -4...302 °F	

Accuracy / deviations

Accuracy	[K]	± (0,15 K + 0,002 x t)
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Response times

Dynamic response T05 / T09	[s]	8 / 20; (for water (70 °C; 0,04 m/s))
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Operating conditions

Protection		IP 67
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Tests / approvals

ATEX marking		Ex II 3D Ex tc IIIC T135°C Dc X
		Ex II 3G Ex nA IIC T4 Gc X
MTTF	[years]	14269.4

Mechanical data

Weight	[g]	111.05
Housing		screw-in sensor
Dimensions	[mm]	M8
Thread designation		M8
Materials		stainless steel (316L/1.4404)
Process connection		threaded connection M8 external thread

Remarks

Pack quantity		1 pcs.
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TS285A



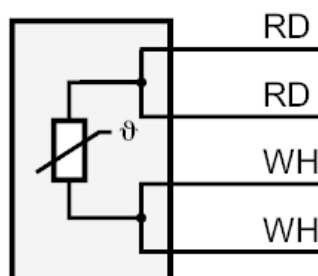
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TS-200KLKM08..../3D/3G

Electrical connection

Cable: 2 m, silicone; 4 x 0.34 mm²

Connection



RD =

WH =

Core colours :

red

white