

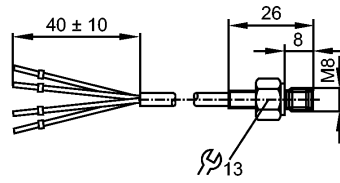


TS285A

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



Temperature sensors



CE

Product characteristics

Temperature sensor for connection to evaluation units

Screw-in sensor M8

Cable

ATEX approval

Group II, category 3D/3G

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

Measuring element: 1 x Pt 100, to DIN EN 60751, class A, operating current max. 10 mA

Application

Application

Contact sensor for solid bodies

Electrical data

Operating voltage

[V]

< 6 DC

Protection class

III

Measuring / setting range

Measuring range

-20...115 °C

-4...239 °F

Measuring range for non-ATEX applications

-20...150 °C / -4...302 °F

Accuracy / deviations

Accuracy

± (0.15 K + 0.002 x |t|)

Reaction times

Dynamic response

T05 / T09 [s]

8 / 20 *)

Environment

Protection

IP 67

Tests / approvals

Marking of the unit

II 3D Ex tc IIIC T135°C Dc X

II 3G Ex nA IIC T4 Gc X

Mechanical data

Housing materials

stainless steel 316L / 1.4404

Weight

[kg]

0.107



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Temperature sensors

Electrical connection

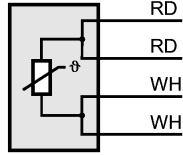
Connection	silicone cable / 2 m; 4 x 0.34 mm ²
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Wiring

Core colors

RD red

WH white



Remarks

Remarks	*) for water (70°C; 0.04 m/s)
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Pack quantity	[piece]	1
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