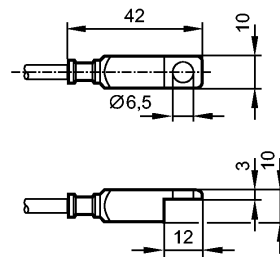


**TS522A**

TS-500KEKD06...../5M/3D/3G

Temperature sensors



**Product characteristics**

Temperature sensor for connection to evaluation units

Bolt-on sensor 10 x 10 x 42 mm

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

**Application**

Application Contact sensor for solid bodies

**Electrical data**

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] 13 / 39

**Environment**

Protection IP 67

**Tests / approvals**

Marking of the unit Ex II 3D Ex tc IIIC T135°C Dc X  
Ex II 3G Ex nA IIC T4 Gc X

MTTF [Years] 15221

**Mechanical data**

Housing materials stainless steel 316L / 1.4404

Weight [kg] 0.226

**Electrical connection**

Connection silicone cable / 5 m

**Wiring**

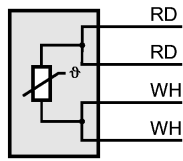


## TS522A

TS-500KEKD06...../5M/3D/3G

Temperature sensors

Core colors  
RD red  
WH white



### Remarks

Pack quantity	[piece]	1
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