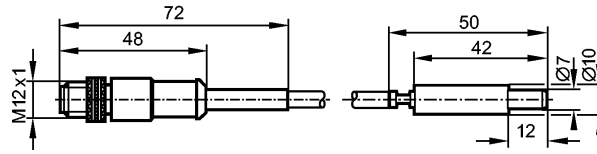


**TS5089**

TS-500KLKD10-...../US/

Temperature sensors



**Product characteristics**

Temperature sensor for connection to evaluation units

Measuring probes Ø 10 mm

Cable with connector

gold-plated contacts

Connection to control monitor TP / TR

Measuring range: -40...90 °C / -40...194 °F

Measuring element: 1 x Pt 100, to DIN EN 60751, class A

**Application**

Application liquids and gases

Minimum installation depth [mm] 15

**Electrical data**

Connection to control monitor TP / TR

Protection class III

**Measuring / setting range**

Measuring range -40...90 °C -40...194 °F

**Accuracy / deviations**

Accuracy ± (0.15 K + 0.002 x |t|)

**Reaction times**

Dynamic response T05 / T09 [s] 6 / 25 \*)

**Environment**

Protection IP 67

**Mechanical data**

Materials (wetted parts) stainless steel 316L / 1.4404

Probe diameter [mm] 10

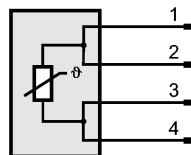
Housing materials high-grade stainless steel

Weight [kg] 0.188

**Electrical connection**

Connection PUR cable / 5 m; with M12 connector

**Wiring**



**Remarks**

Remarks \*) according to DIN EN 60751  
The values for accuracy apply to flowing water.

Pack quantity [piece] 1



**TS5089**

TS-500KDK10-...../US/

**Temperature sensors**