

replaced by: TS5089

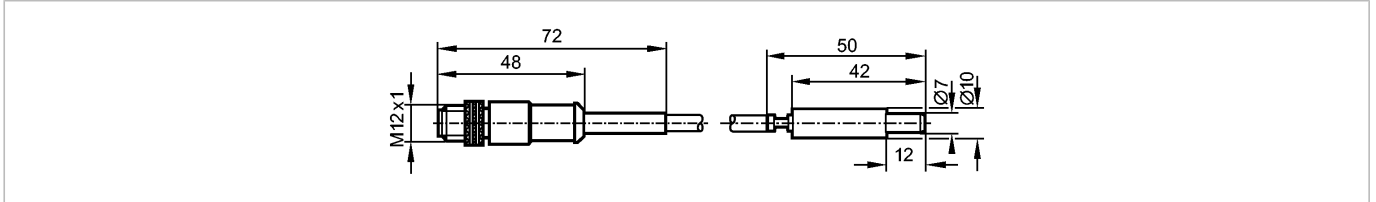
**efector600**

TS5051



TS-500KCKD10-...../US/

Temperature sensors



**Product characteristics**

Temperature sensor for connection to evaluation units

Cable with connector

gold-plated contacts

Connection to control monitor TP / TR

Measuring range: -40...150 °C / -40...302 °F

Measuring element: 1 x Pt 1000, to DIN EN 60751, class B

**Application**

Application

liquids and gases

Pressure rating [bar]

160; for mounting in progressive ring fitting

Minimum installation depth [mm]

15

**Electrical data**

Connection to control monitor

TP / TR

Protection class

III

Measuring / setting range

Measuring range

-40...150 °C

-40...302 °F

Accuracy / deviations

Accuracy

± (0.30 K + 0.005 x |t|)

Reaction times

Dynamic response T05 / T09 [s]

6 / 25 \*)

Environment

Ambient temperature [°C]

-25...80, for the plug area

Protection

IP 67

Tests / approvals

MTTF [Years]

22831

Mechanical data

Materials (wetted parts)

stainless steel 316L / 1.4404

Probe diameter [mm]

10

Housing materials

high-grade stainless steel; FPM (Viton)

Weight [kg]

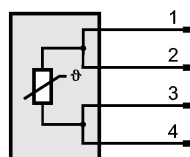
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Electrical connection

Connection

FPM (Viton) 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

**TS5051 - Temperature sensor for connection to evaluation units - eclass: 27200214 /  
27-20-02-14**

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