

replaced by: TS2069

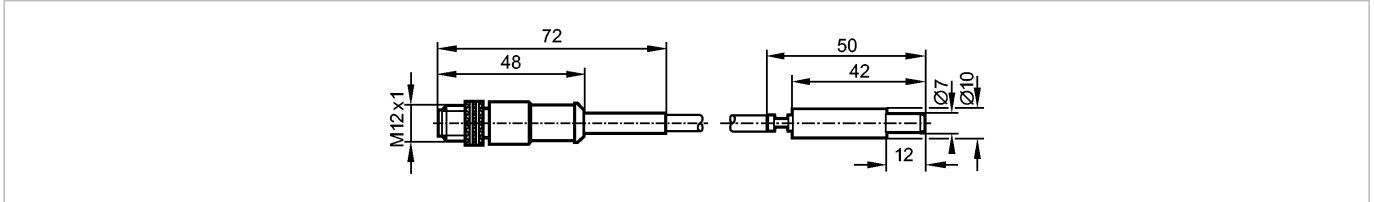
efector 600

TS2051



TS-200KCKD10-...../US/

Temperature sensors



Product characteristics

Temperature sensor for connection to evaluation units

Cable with connector

Installation length EL: 42 mm

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

$\pm (0.30 \text{ K} + 0.005 \times |t|)$

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]

22831.05

Mechanical data

Materials (wetted parts)

stainless steel 316L / 1.4404

Probe diameter [mm]

10

Probe length L [mm]

42

Installation length EL [mm]

42

Housing materials

high-grade stainless steel; FPM (Viton)

Weight [kg]

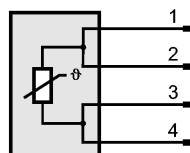
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Electrical connection

Connection

FPM (Viton) cable / 2 m; with M12 connector

Wiring



Remarks

TS2051 - Temperature sensor for connection to evaluation units - eclass: 27200214 / 27-20-02-14

Remarks

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

Pack quantity [piece]

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