

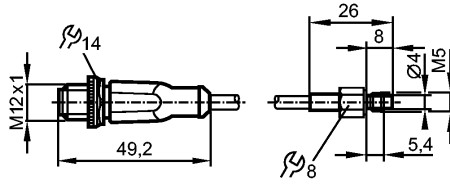


TS9789

TS-PT100-SCREW-IN M5/0.5M PUR



Temperature sensors



Product characteristics

Temperature sensor for connection to evaluation units

Screw-in sensor M5

Cable with connector

gold-plated contacts

Connection to control monitor TP / TR

Measuring range: -30...90 °C / -22...194 °F

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

Application

Application Contact sensor for solid bodies

Electrical data

Connection to control monitor TP / TR

Protection class III

Measuring / setting range

Measuring range -30...90 °C -22...194 °F

Accuracy / deviations

Accuracy ± (0.15 K + 0.002 x |t|)

Reaction times

Dynamic response T05 / T09 [s] 3 / 8 *

Environment

Protection IP 67

Tests / approvals

Shock resistance DIN EN 60068-2-27 50 g (11 ms)

Vibration resistance DIN EN 60068-2-6 10 g (10...2000 Hz)

Mechanical data

Housing materials stainless steel 316L / 1.4404

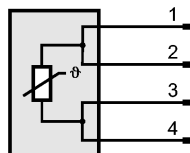
Tightening torque [Nm] 1.5

Weight [kg] 0.035

Electrical connection

Connection PUR cable / 0.5 m; with M12 connector

Wiring



Remarks



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Temperature sensors

Remarks

*) according to DIN EN 60751

Pack quantity

[piece]

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