



Temperature cable sensor with process connection TS5089

URL:<https://www.sxplc.com/temperature-cable-sensor-with-process-connection-ts5089>

Product data sheet

Product characteristics

Measuring range

-40...90 °C

-40...194 °F

Process connection

Ø 10 mm

Application

System

gold-plated contacts

Measuring element

1 x Pt 100; (to DIN EN 60751, class A)

Media

liquids and gases

Minimum installation depth [mm]

15

Electrical data

Protection class

III

Measuring/setting range

Measuring range

-40...90 °C

-40...194 °F

Accuracy / deviations

Accuracy [K]

$\pm (0,15 K + 0,002 x|t|)$

Reaction times

Dynamic response T05 / T09 [s]

6 / 25; (according to DIN EN 60751)

Operating conditions

Protection

IP 67

Tests / approvals

MTTF [years]

11415.5

Mechanical data

Weight [g]

193.6

Housing

Measuring probes

Dimensions [mm]

Ø 10

Material

stainless steel

Materials (wetted parts)

stainless steel (1.4404 / 316L)

Process connection

Ø 10 mm

Probe diameter [mm]

10

Remarks

Remarks

The values for accuracy apply to flowing water.

Pack quantity

1 pcs.

Electrical connection

Connection

Cable: 5 m, PUR

Connection

Connector: 1 x M12; coding: A; Contacts: gold-plated

