

Product datasheet

Specifications



STP Series immersion temperature sensor, STP300-100 0/100, pipe, 100 mm probe, 2-Wire, 0-100 °C

006920241

Main

Range of product	STP300
Product or component type	Temperature sensor
Type of measurement	Temperature
Device application	Pipe immersion
Analogue output type	4...20 mA
IP degree of protection	IP65
location	Plant room
Mounting support	Pipe
Depth	45 mm
Height	85 mm
Net weight	0.107 kg
Width	65 mm
Output type	Analog output
Standards	EN 50082-1 EN 50081-1
Colour	Black and green
Ambient air temperature for operation	-10...150 °C
Sensor type	Temperature transmitter temperature
Targeted region	Asia Pacific. Europe

Complementary

Type of installation	Immersion
Material	PA (polyamide): connection box Stainless steel: immersion tube
Time constant	19000 ms brass PN 16 with contact paste 20000 ms stainless steel PN 25 with contact paste 23000 ms brass PN 16 without contact paste 24000 ms stainless steel PN 25 without contact paste
[Us] rated supply voltage	15...36 V AC
Connections - terminals	Wire (AWG 24...AWG 18)
Length	100 mm
Diameter	6 mm probe:
Number of cables	1 <1 m

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Measurement accuracy	0...25 °C +/- 0.3 °C
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Environment

Product certifications	CE
Measurement range	0...100 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	20.6 cm
Package 1 Width	9.4 cm
Package 1 Length	7.2 cm
Package 1 Weight	180 g

Contractual warranty

Warranty (in months)	24
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	F565ab1f-02d2-441f-9dff-67e55f1ae1be

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins