Product datasheet

Specifications



IMMERSION TEMP SENSOR

STP500-50

Discontinued on: 15 Aug 2025

EAN Code: 3606485891064

Discontinued

Main

Range of product	STP500
Product or component type	Sensor
Type of measurement	Temperature
Device application	Pipe immersion
IP degree of protection	IP65
location	Plant room
Depth	44 mm
Height	84 mm
Net weight	0.1 kg
Width	65 mm
Output type	Resistive output
Product compatibility	Continuum
Standards	EN 50081-1 EN 50082-2
Colour	Black and green

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
Connections - terminals	Wire (AWG 24...AWG 18)
Length	50 mm for side sensor
Number of cables	1 <0.02 m
Measurement accuracy	0...25 °C +/- 0.3 °C

Environment

Temperature probe type	NTC 10000 Ohm at 25 °C
Product certifications	CE

Packing Units

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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.702 cm
Package 1 Width	0.584 cm
Package 1 Length	0.762 cm
Package 1 Weight	185.973 g

Contractual warranty

Warranty (in months)	18

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**
EU RoHS Directive	**Compliant**

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**