

Product datasheet

Specifications



STD Series temperature sensor,
STD500-250, duct, 250 mm,
Continuum compatible

5123078010

Main

Range Of Product	STD500
Product Or Component Type	Sensor
Type Of Measurement	Temperature
Device Application	Duct
Ip Degree Of Protection	IP65
Location	Plant room
Mounting Support	Duct
Depth	44 mm
Height	84 mm
Net Weight	0.126 kg
Width	65 mm
Output Type	Resistive output
Product Compatibility	Continuum
Standards	EN 50082-2 EN 50081-1
Colour	Black and green
Sensor Type	10 kOhm NTC temperature
Targeted Region	Asia Pacific. Europe

Complementary

Material	Aluminium: mounting flange PA (polyamide): connection box Stainless steel: immersion tube
Time Constant	52000 ms 3 l/min 72000 ms 1.5 l/min
Connections - Terminals	Wire (AWG 24...AWG 18)
Length	250 mm for side sensor
Measurement Accuracy	0...25 °C +/- 0.2 °C

Environment

Temperature Probe Type	NTC 10000 Ohm at 25 °C
Product Certifications	CE

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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.2 cm
Package 1 Width	9.6 cm
Package 1 Length	38.3 cm
Package 1 Weight	222.0 g

Contractual warranty

Warranty	24 months
----------	-----------

Sustainability



Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance

 Mercury Free

 Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)