

STC100

Pipe Contact Temperature Sensor

NTC 1.8 kΩ for Vista



TECHNICAL DATA

Part number see table
 Sensor element . . . NTC, 1.8 kΩ at +25 °C (77 °F)
 Time constant approx. 66 s
 Materials:
 Connection box polyamide plastic
 Enclosure rating. IP 65
 Dimensions see figure
 Accuracy see table
 Temperatures
 Ambient min. -10 °C (-14 °F)
 max. 110 °C (230 °F)
 Operating. min. -40 °C (-40 °F)
 max. 130 °C (266 °F)
 Standards
 EMC. EN 50081-1, EN 50082-1

The STC100 is a temperature sensor designed for surface pipe mounting.
 The STC100 housing is equipped with a 20 mm (0.79 in.) cable fitting.

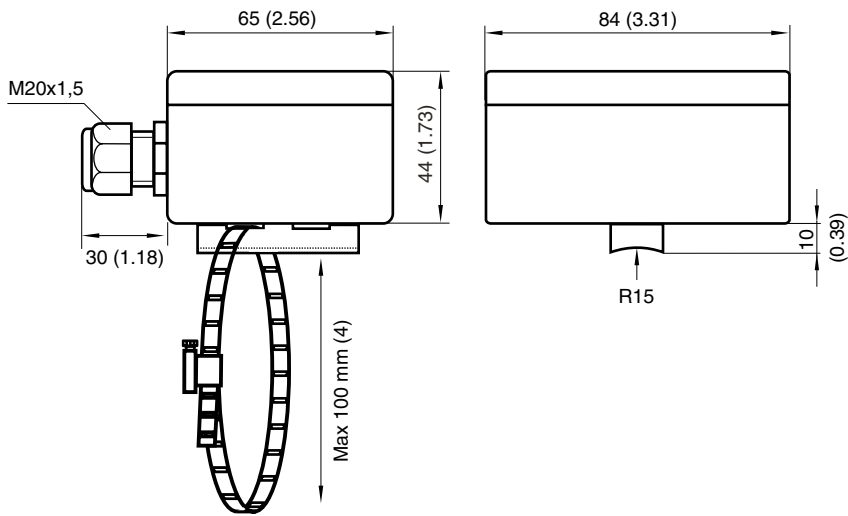
PART NUMBER

Part Number	Description	Weight g (lb)
512-3202-010	STC100	115 (0.25)

ACCURACY

At Temperature	Accuracy
-25 °C/-13 °F	±0.7 °C/±1.3 °F
±0 °C/32 °F	±0.5 °C/±0.9 °F
25 °C/77 °F	±0.3 °C/±0.5 °F
50 °C/122 °F	±0.6 °C/±1.1 °F
75 °C/167 °F	±0.9 °C/±1.6 °F
100 °C/212 °F	±1.3 °C/±2.3 °F

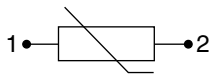
DIMENSIONS



MOUNTING

Pass the clip under the mounting base and around the pipe. Tighten the securing screw.

WIRING



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