



STC110

D-12-16

Contact Temperature Sensor, NTC 1.8 kohm

31 Jan 2005



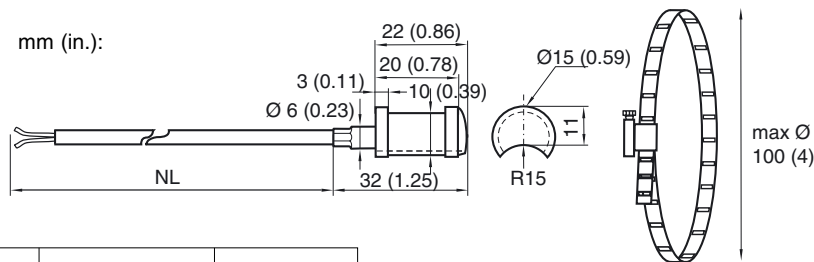
STC110 is a temperature sensor designed for mounting on pipe systems of max. Ø 100 mm (4 in.).

The temperature sensor is supplied with a connection cable of 2 m or 4 m (6.5 or 13 ft.).

TECHNICAL DATA

Part number see table below
 Sensor element NTC, 1.8 kohm at +25 °C (77 °F)
 Operating temperature:
 Sensor element -40 – +150 °C (-40 – +302 °F)
 Cable -40 – +180 °C (-40 – +356 °F)
 Time constant approx. 75 s

Accuracy please refer to table on next page
 Enclosure rating (sensor) IP 54
 Material:
 Sensor element steel
 Cable silicon

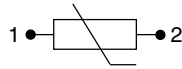


Part number	Product	NL		Weight	
		m	ft.	g	lb.
512-3210-000	STC110-200	2	6.5	100	0.22
512-3212-000	STC110-400	4	13.1	170	0.37

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

WIRING DIAGRAM



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