

# STX520



## Immersion sensor, NTC 10 kohm for Continuum

STX520 is a temperature sensor intended for heating applications, measuring the water temperature mounted in a well.

The sensor element is an NTC 10 kohm for Continuum products.

The sensor, which is made of stainless steel, is delivered with a 2 or 4 m (6.5 or 13.1 ft.) cable PVC sheathed overall.

## SPECIFICATIONS

Part number . . . . . see table below

Sensor element . . . NTC, 10 kohm at +25 °C (77 °F)

### Operating temperature

Sensor . . . . . -40 – +120 °C (-40 – +248 °F)

Cable . . . . . -10 – +95 °C (+14 – +203 °F)

Time constant . . . . . 6 s in stirred water

Accuracy . . . . . please refer to table below

Enclosure rating . . . . . IP 67

Ambient humidity . . . . . max. 90% RH

### Material

Sensor . . . . . stainless steel, SUS 304 (SS 2332)

Cable . . . . . PVC

## ACCURACY

-25 °C/-13 °F . . . . . ±0.5 °C/±0.9 °F

±0 °C/32 °F . . . . . ±0.2 °C/±0.4 °F

25 °C/77 °F . . . . . ±0.2 °C/±0.4 °F

50 °C/122 °F . . . . . ±0.2 °C/±0.4 °F

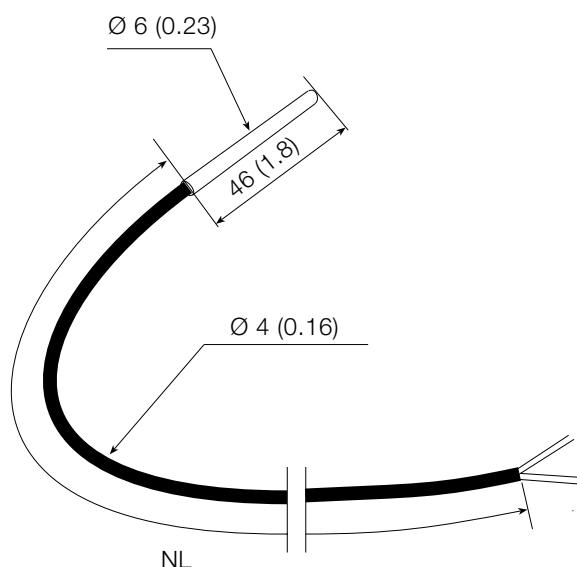
70 °C/158 °F . . . . . ±0.2 °C/±0.4 °F

100 °C/212 °F . . . . . ±0.5 °C/±0.9 °F

## SPECIFICATION REFERENCE

Part number	Product	NL		Weight	
		m	ft.	g	lb.
512-3320-000	STX520-200	2	6.5	80	0.18
512-3322-000	STX520-400	4	13.1	150	0.33

## DIMENSIONS mm (in)



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