



STX120

D-12-80

Immersion sensor, NTC 1.8 kohm

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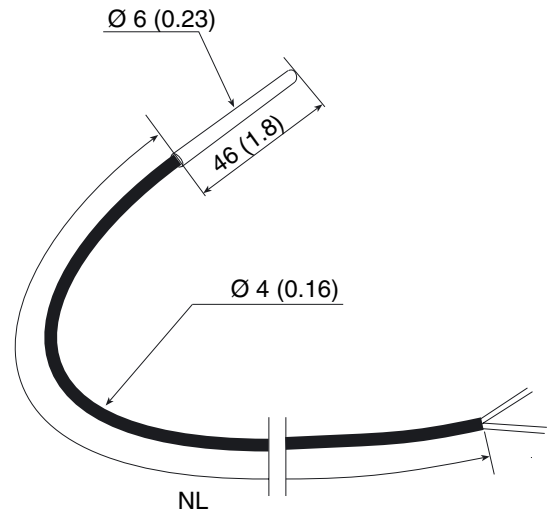
STX120 is intended for measuring water temperature in heating applications, mounted in a well.

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.

TECHNICAL DATA

Part number see table below
 Sensor element NTC, 1.8 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 on next page
 Enclosure rating IP 67
 Ambient humidity max. 90% RH
 Material
 Sensor stainless steel, SUS 304 (SS 2332)
 Cable PVC

mm (in.):



Part number	Product	NL		Weight	
		m	ft.	g	lb.
512-3302-000	STX120-200	2	6.5	80	0.18
512-3304-000	STX120-400	4	13.1	150	0.33

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

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