STP200

TECHNICAL DATA

Part numbers . . . . . see table
Sensor element . . . . NTC, 10 kΩ at +25 °C (77 °F)
Time constant without pocket in water . approx. 7 s

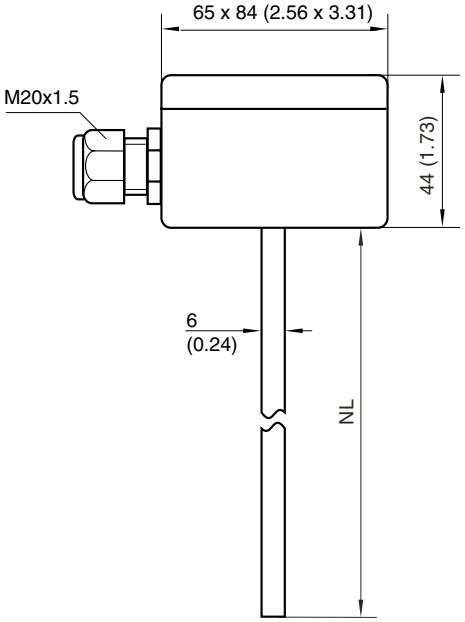
Pocket type	Contact paste	w/o Contact paste
Brass PN16	19 s	23 s
SS PN25	20 s	24 s

Materials:
Immersion tube . . . . . stainless steel
Connection box . . . . . .polyamide plastic
Enclosure rating . . . . . IP 65
Dimensions. . . . . see figure and table overleaf
Accuracy . . . . . see table overleaf
Temperatures
Ambient . . . . . min. -10 °C (14 °F)
. . . . . .max. 110 °C (230 °F)
Operating . . . . . min. -40 °C (-40 °F)
. . . . . .max. 150 °C (302 °F)
Standards
EMC. . . . . EN 50081-1, EN 50082-1

Immersion PipeTemperature Sensor NTC 10 kΩ for I/Net

The STP200 is designed for immersion mounting in pipe systems with a separate pocket (well). The pocket is closed in the bottom, making it easy to replace the sensor, if necessary.
The STP200 housing is equipped with a 20 mm cable fitting.
The pocket must be ordered separately, see Accessories overleaf.

DIMENSIONS (mm/in)



Schneider Electric

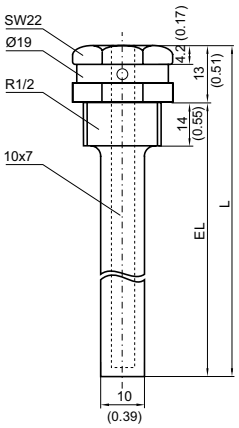
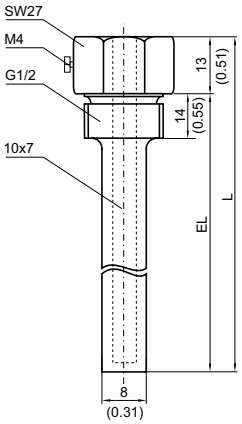
PART NUMBERS

Part Number	Model Number	Probe mm (in)	NL mm (in)	Weight g (lb)
5123130010	STP200-50	50 (1.97)	63 (2.48)	100 (0.22)
5123132010	STP200-100	100 (3.94)	113 (4.45)	104 (0.23)
5123134010	STP200-150	150 (5.9)	163 (6.42)	107 (0.24)
5123136010	STP200-200	200 (7.87)	213 (8.39)	110 (0.25)
5123138010	STP200-250	250 (9.84)	263 (10.35)	113 (0.25)
5123140010	STP200-300	300 (11.81)	313 (12.32)	117 (0.26)
5123142010	STP200-400	400 (15.75)	413 (16.26)	125 (0.28)

ACCURACY

At Temperature	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

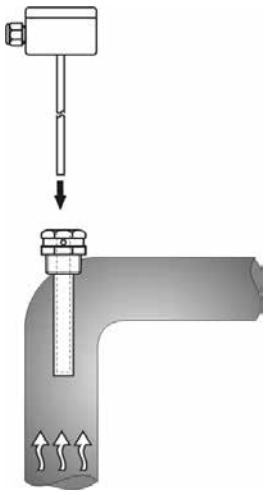
ACCESSORIES

	Part Number	Model Number	Length mm (in)	Weight g (lb)
Brass NI plated pocket PN16				
	9121040000	Pocket STP50 mm	63 (2.48)	85 (0.19)
	9121041000	Pocket STP100 mm	113 (4.45)	100 (0.22)
	9121042000	Pocket STP150 mm	163 (6.42)	115 (0.25)
	9121043000	Pocket STP200 mm	213 (8.39)	130 (0.29)
	9121044000	Pocket STP250 mm	263 (10.35)	145 (0.32)
	9121045000	Pocket STP300 mm	313 (12.32)	160 (0.35)
	9121046000	Pocket STP400 mm	413 (16.26)	190 (0.42)
Stainless steel pocket PN25				
	9121050000	Pocket STP50 mm	63 (2.48)	75 (0.17)
	9121051000	Pocket STP100 mm	113 (4.45)	85 (0.19)
	9121052000	Pocket STP150 mm	163 (6.42)	95 (0.21)
	9121053000	Pocket STP200 mm	213 (8.39)	105 (0.23)
	9121054000	Pocket STP250 mm	263 (10.35)	115 (0.25)
	9121055000	Pocket STP300 mm	313 (12.32)	125 (0.28)
	9121056000	Pocket STP400 mm	413 (16.26)	145 (0.32)

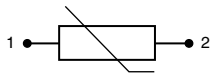
MOUNTING

Mount the pocket in the pipe system.

Apply some conductive paste, insert the sensor in the pocket and tighten the securing screw.



WIRING



© 2013 Schneider Electric. All rights reserved.