

### Models

- STP7-11 (Metal)
- STP1-11 (Plastic)

### Description

The STP Series Thermistor type temperature sensors provide a predictable output over a specified temperature range to meet each manufacturer's required input values. The STP Series is a strap on Thermistor sensor specifically designed for Neptronic EFC/TFC Fan Coil Controllers requiring water temperature sensing in 2 pipe changeover applications.

### Applications

- OEM/Industrial
- Light Industrial
- Direct Digital Control (DDC) Systems

### Features

- High accuracy and interchangeability over a wide temperature range
- Sensor's higher resistance output compares to platinum Resistance Temperature Detectors (RTD)
- Sensitive to non-polarity
- CE approved

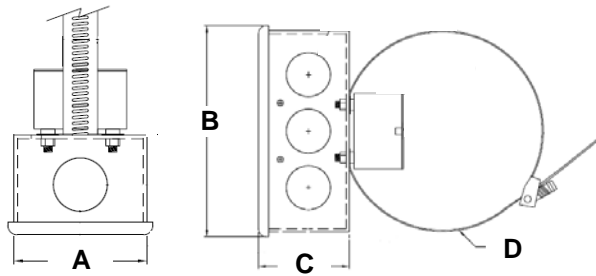
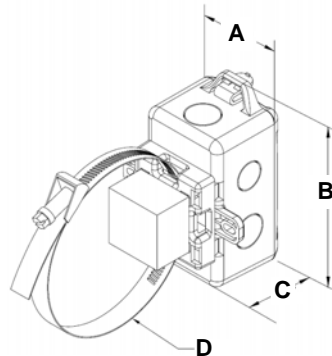


STP7-11 (Metal)



STP1-11 (Plastic)

### Technical Specifications

Description	STP7-11 (Metal)	STP1-11 (Plastic)
Sensor Output	10K Ohms at 25°C (77°F) Type III	
Accuracy (0°C to 70°C)	± 0.2°C (± 0.36°F)	
Stability	± 0.13°C (0.23°F)	
Operating Temperature Range	- 40°C to 150°C (- 40°F to 302°F)	
Operating Humidity	0% to 90% RH non condensing	
Interchangeability	± 0.2°C (± 0.36°F)	
Power Dissipation Constant	3 mW/°C	
Enclosure Type	Zinc Plated Steel Enclosure	ABS Plastic Enclosure
Dimensions	A = 2.15"   54.6mm B = 4.20"   106.7mm C = 1.80"   45.7mm D = 2 to 5"   51 to 127mm strap	A = 2.25"   57.2mm B = 4.52"   114.8mm C = 2.23"   56.6mm D = 2 to 5"   51 to 127mm strap
		



Recycling at end of life: please return this product to your Neptronic local distributor for recycling. If you need to find the nearest Neptronic authorized distributor, please consult [www.neptronic.com](http://www.neptronic.com).