

Model

ST11-11

Description

The ST11-11 is a Thermistor type immersion temperature sensor for fluid temperature applications. The ST11-11 is housed in an ABS plastic enclosure and features a machined Brass thermowell and a 316 stainless steel 3/4" x 1/2" t-tap fitting.

Applications

- 2-pipe changeover fan coil configurations
- Water piping in VAV zoning configurations
- OEM/Industrial
- Light Industrial
- Neptronic controls and Direct Digital Control (DDC) Systems

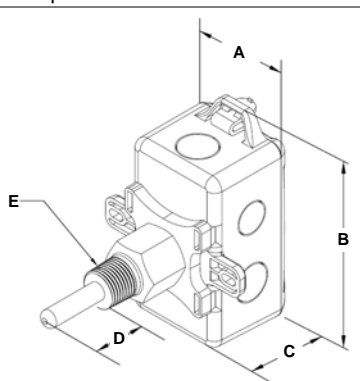
Features

- Immersion type temperature sensor
- Resistor/temperature curve "G" matched (10 K Ω , type III)
- High accuracy and stability
- Fast thermal response
- Double encapsulation sensor eliminates moisture infiltration
- Machined Brass thermowell
- ABS plastic enclosure
 - Quick snap latch
 - Hinged cover without screws
- Includes 316 stainless steel 3/4" x 1/2" t-tap fitting



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Technical Specifications

Description	ST11-11
Sensor	NTC (negative temperature coefficient)
Resistor @ 25°C	10 K Ω , type 3 (β 0-50 = 3575)
Operating temperature	-40°C to 80°C (-40°F to 176°F)
Dissipation constant	1 mW/°C
Maximum power rating	30 mW at 25°C derated to 1 mW at 125°C
Tolerance	± 0.2°C from 0°C to 70°C (32°F to 158°F)
Thermowell	Machined Brass
Fitting	316 stainless steel 3/4" x 1/2" t-tap
Enclosure	ABS plastic
Dimensions A = 2.25" 57.2mm B = 4.52" 114.8mm C = 2.23" 56.6mm D = 0.75" 19.0mm E = 1/2" NPT Thread	



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.