

# STP620



## PART NUMBER

Part Number	Model Number
5126090000	STP620

## SPECIFICATIONS

Sensor Element . . . . . NTC, 10k $\Omega$  type3 thermistor with resistor network.

Resistance at 25°C. . . . . 5025 $\Omega$

Protection Class . . . . . IP65

Temperature Sensing Range. . . . . -10 to 120°C

Time Constant . . . . . 2sec\*

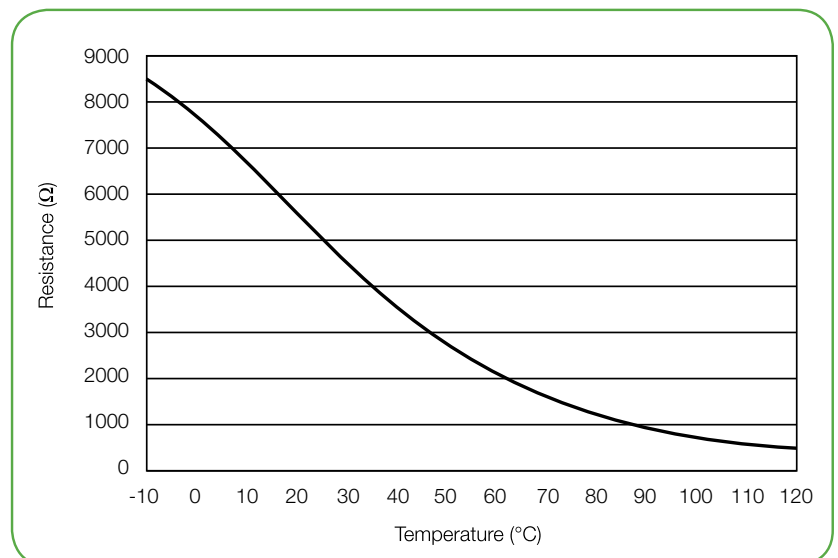
Ambient Temperature in operation . . . -40 to 120°C

\*Note: Time Constant is the time taken for the sensor to transmit 63% of the total change in the measured variable.

## Fast Response Temperature Water Sensor for Satchwell

The STP620 Immersion Temperature Sensor is designed to be used where a fast and accurate response to temperature change is required. The thermistor sensing element is encased in a stainless steel sheath and it is designed to be used without a pocket and for immersion directly in the medium being controlled.

A typical application might be for control in a District Heating application when used with a suitable controller.



**Cautions**

- Do not apply power to the system until it has been checked by a qualified technician and the commissioning procedures have been completed.
- If any equipment covers have to be removed during the installation of this equipment, ensure they are refitted after installation to comply with UL and CE safety requirements.
- These sensors are only to be used with the appropriate Schneider Electric Controllers
- Observe all wiring precautions shown on the data sheet for the controller that the sensor will be connected to.
- Do not exceed the stated maximum ambient temperatures.
- Interference with any parts under sealed covers will invalidate guarantee.
- Design and improvement of Schneider Electric Sensors is subject to improvement and is therefore liable to alteration without notice.
- Information is given for guidance only and Schneider Electric does not accept responsibility for the selection and installation of its products unless information has been given to the company in writing relating to a specific application.
- A periodic system and tuning check of the control system is recommended. Please contact your local sales office for details.

