Datasheet
Stock No: 813-806

Temperature Sensor, RS Pro TT911/10K3A1, Interior Room, Thermistor

Product Details

Temperature Sensors for Air Conditioning
- Thermistor and Pt100 type sensors in a variety of packages suitable for use with most air conditioning control systems.

Sensor Types:
Thermistor: direct thermistor (NTC) temperature (10kΩ at 25°C) versions. These are degradable components and should be replaced on a 2-3 year cycle.
Pt100 sensor: 2 wire sensors with brass probes providing a linear response and positive temperature coefficient.

Package Types:

- Space Air (813-806; 376-1477): a white ventilated unit for interior use, temperature range -10 to +60°C.
- Duct Air (813-862): an IP65 housing with 20mm conduit entry, 210x19mm dia. probe with fine mesh gauge for sensor protection, temperature range -10 to +60°C.
- Outside Air (813-828; 813-878): an IP65 enclosure with a small brass cap, 20mm conduit entry, temperature range -10 to +60°C.
- Liquid Immersion (813-834; 813-884): an IP65 enclosure with 20mm conduit entry, 130x6mm diameter brass probe which fits into a brass pocket (available separately) for a temperature range of -10 to +60°C
- Pipe-Clamp on (813-840; 813-890): a sensing element located in a lug which is fitted to the pipe via a stainless steel cable tie. IP65 terminal with 1m of cable, maximum temperature 110°C.

Note
The brass and steel pockets have grub screw probe fixing for easy replacement.

Specifications:

Application	Interior Room
Sensing Element Type	Thermistor
Maximum Temperature Sensed	+40°C
Minimum Temperature Sensed	-10°C
Range of Temperatures Sensed	-10 → +40°C