

# Strap-on Temperature Sensor



The strap-on temperature sensor is designed to allow pipe flow temperatures to be measured using a flying lead, strap on assembly.

The sensor uses a copper head where the sensing element is held and is strapped to the pipework. The sensor is housed in an IP65 enclosure to protect the sensor and is fixed closed with screws.

The sensor is available with all standard thermistor options suitable for all major BMS types.

## Specification

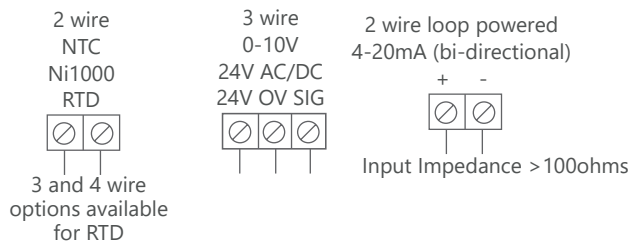
Material:	Sensor Head:	Brass
	Cable:	2 Core PVC Cable
	Sensor Housing:	Polycarbonate (IP25)
Sensing Elements:		See below
Accuracy:		+/- 0.2°C @ 70°C
Operating Temperature:		-10°C + 70°C
Terminals:		1mm recommended, 2.5 max
Product Codes:		See below

## Product Codes

Element Type	System Compatibility	Product Codes	Accuracy
10K3A1	Trend / Jel / Honeywell / Aquatrol 2000 / Ambiflex / Next / Smart / York	TPCS-RT/10K3	+/- 0.2°C
10K4A1	Andover / Automatrix / York / Siebe	TPCS-RT/10K4	+/- 0.2°C
20K6A1	Honeywell	TPCS-RT/20K6	+/- 0.2°C
Ni1000	Landis & Gyr	TPCS-RT/NI1000	+/- 0.3°C
PT1000	PT1000	TPCS-RT/PT1000	+/- 0.3°C
4-20mA	2 Wire Loop Powered	TPCS-RT/40 (-10 to +40°C)*	+/- 0.4°C
0-10V	3 Wire 24V Supply	TPVCS-RT/40 (-10 to +40°C)*	+/- 0.5°C

Other element types available on request. Contact Titan Products for details and options.

## Wiring



## Dimensions

