

## TT-512

### Low Profile Temperature Sensor



#### Features:

- Wide range of sensing element types
- Anti-ligature & tamperproof
- Plastic or stainless steel finishes

#### Benefit:

- Discreet temperature measurement

#### Technical Overview

The TT-512 range of low profile button temperature sensors are used for measuring air temperature in indoor space where style or a robust solution is required. Their discreet appearance offers reliable temperature monitoring without being obtrusive.

These sensors are particularly effective in applications where anti-ligature sensors are required for the safety of the building occupants. Due to the robust design and materials, the sensors are also tamperproof.

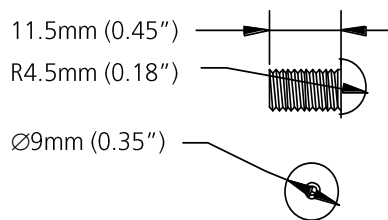
They are available in either white plastic or stainless steel finishes and contain either a high quality Thermistor, Platinum or Nickel sensing element. Sensor types compatible with most controls manufacturers' equipment are available.

## Specification:

Output type	Resistive
Accuracy:	
Thermistor	±0.2°C 0 to 70°C (32 to 158°F)
PT100a	±0.2°C @ 25°C (77°F)
PT1000a	±0.2°C @ 25°C (77°F)
NI1000	±0.4°C @ 0°C (32°F)

Material White plastic or stainless steel

Dimensions:



Fixing	M6 (nut & washer supplied)
Mounting	Flush, to standard UK wall box
Protection	IP20
Ambient range	-10 to +60°C (14 to 140°F)
Country of origin	UK

## Part Codes:

### TT-512-SS

Stainless steel anti-ligature sensor lug, 2 m (16.40ft) cable

### TT-512-WP

White plastic anti-ligature sensor lug, 2 m (16.40ft) cable

### Sensing Element (add type to above code)

-A	(10K3A1) Trend, Cylon, Distech
-B	(10K4A1) Andover, Delta Controls
-C	(20K6A1) Honeywell
-D	(PT100a) Serck
-E	(PT1000a) Cylon
-F	(NI1000a) Sauter
-G	(Ni1000a/TCR(LAN1)) Siemens
-L	(TAC1) TAC
-M	(2.2K3A1) Johnson Controls
-N	(3K3A1) Alerton
-P	(30K6A1) Drayton
-Q	(50K6A1) Ambiflex
-Z	(10K NTC) Carel

### Suffix (add to part code)

-5M	5m (16.40ft) cable length
-----	---------------------------

Whilst every effort has been made to ensure the accuracy of this specification, Sontay cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

Tel: +44 (0)1732 861200. - E-mail: sales@sontay.com. - Web: www.sontay.com.

© 2012 Sontay Limited. All rights reserved