Features & Benefits

- Wide range of sensing element types
- Black bulb to measure radiant heat
- Greater comfort

Technical Overview

The TT-BB range of black bulb temperature sensors are used for radiant heat in indoor spaces. They are used to calculate comfort temperature which is specified as the average of the conductive and the radiant temperature. Units contain either a high quality thermistor, Nickel or Platinum sensing element.

Specification

Black bulb material	Anodised aluminium
Bulb dimensions	17.5 x 37mm dia.
Environmental Housing	0 to 50°C, 0 to 95% RH non-condensing
Gross Weight (kg)	0.1
Housing colour	Polished white finish
Housing Dimensions	115 x 85 x 30mm
Housing Material	ABS (Flame Retardant)
Output Type	Resistive
Protection	IP30
Weight	120g

Technical Specification

Housing Dimensions	115 x 85 x 30mm
Weight	120g
Housing colour	Polished white finish
Housing Material	ABS (Flame Retardant)
Output Type	Resistive

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

Sontay Limited. Four Elms Road, Edenbridge, Kent, TN8 6AB UK

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Note: for all gas sensors, None of our devices are approved for use in life safety applications. This document is uncontrolled if printed. Generated on 22/07/25

Related Product Codes

TT-BB-A	Black Bulb Sensor 10K3A1
-BLK	Black Bulb Sensor 10K3A1 Black housing
-LEDG	Black Bulb Sensor 10K3A1
-MS	Black Bulb Sensor 10K3A1 with MS
-SP	Black Bulb Sensor SP 10K3A1
TT-BB-B	Black Bulb Sensor 10K4A1
TT-BB-C	Black Bulb Sensor 20K6A1
TT-BB-D	Black Bulb Sensor PT100A
TT-BB-E	Black Bulb Sensor PT1000A
TT-BB-F	Black Bulb Sensor Ni1000A
TT-BB-G	Black Bulb Sensor LAN1
TT-BB-H	Black Bulb Sensor SAT1
TT-BB-K	Black Bulb Sensor STA1
TT-BB-L	Black Bulb Sensor TAC1
TT-BB-M	Black Bulb Sensor 2.2K3A1
TT-BB-N	Black Bulb Sensor 3K3A1
TT-BB-P	Black Bulb Sensor 30K6A1
TT-BB-Q	Black Bulb Sensor 50K6A1
TT-BB-S	Black Bulb Sensor SAT2
TT-BB-T	Black Bulb Sensor SAT3
TT-BB-W	Black Bulb Sensor SIE1
TT-BB-Y	Black Bulb Sensor STA2
TT-BB-Z	Black Bulb Sensor CAREL 10K NTC

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