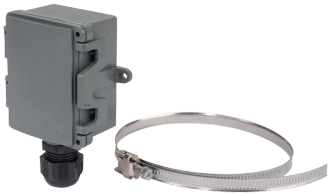
# TT-CD

Direct Clamp-On Temperature Sensors



## Features & Benefits

- Weatherproof Housing
- Wide range of sensing element types
- Shaped Dia-cast zinc probe
- Enables temperature sensing in pipe work systems where immersion sensors are not practical
- Hinged lid with the facility of tamper proofing

## Technical Overview

The TT-CD clamp-on sensor is used for direct connection to measure pipe temperature. The sensing element is enclosed in a moulded nickel contact bar on the underside of the main housing. Units contain either a high quality thermistor, Nickel or Platinum sensing element.

## Specification

| | |
|---|---|
| **Current Output** | 4 to 20mA |
| **Environmental Housing** | -30 to +70°C, 0 to 95% RH non-condensing |
| **Environmental Media** | -30 to +100°C |
| **Gross Weight (kg)** | 0.16 |
| **Housing Dimensions** | 80 x 79 x 44mm |
| **Housing Material** | PC/GF (Halogen Free Flame Retardant, UV Stabilized) |
| **Passive output types** | Resistive |
| **Protection** | IP65 |
| **Voltage output types** | 0 to 10Vdc |
| **Weight** | 180g |

## Technical Specification

| | |
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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-CD-A** | Direct Clamp-On Temp Sensor 10K3A1 |
| **TT-CD-B** | Direct Clamp-On Temp Sensor 10K4A1 |
| **TT-CD-C** | Direct Clamp-On Temp Sensor 20K6A1 |
| **TT-CD-CVO** | Direct Clamp-On Temp Sensor CVO |
| **TT-CD-CVO-C** | Direct Clamp-On Temp Sensor CVO Customer Spec. |
| **TT-CD-D** | Direct Clamp-On Temp Sensor PT100A |
| **TT-CD-E** | Direct Clamp-On Temp Sensor PT1000A |
| **TT-CD-F** | Direct Clamp-On Temp Sensor Ni1000A |
| **TT-CD-G** | Direct Clamp-On Temp Sensor LAN1 |
| **TT-CD-H** | Direct Clamp-On Temp Sensor SAT1 |
| **TT-CD-L** | Direct Clamp-On Temp Sensor TAC1 |
| **TT-CD-M** | Direct Clamp-On Temp Sensor 2.2K3A1 |
| **TT-CD-N** | Direct Clamp-On Temp Sensor 3K3A1 |
| **TT-CD-P** | Direct Clamp-On Temp Sensor 30K6A1 |
| **TT-CD-Q** | Direct Clamp-On Temp Sensor 50K6A1 |
| **TT-CD-R** | Direct Clamp-On Temp Sensor 100K6A1 |
| **TT-CD-S** | Direct Clamp-On Temp Sensor SAT2 |
| **TT-CD-T** | Direct Clamp-On Temp Sensor SAT3 |
| **TT-CD-W** | Direct Clamp-OnTemp Sensor SIE1 |
| **TT-CD-Y** | Direct Clamp-On Temp Sensor STA2 |
| **TT-CD-Z** | Direct Clamp-On Temp Sensor CAREL 10K NTC |

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