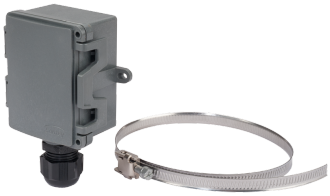
TT-CD

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

Housing Dimensions	80 x 79 x 44mm
Current Output	4 to 20mA
Weight	180g
Housing Material	PC/GF (Halogen Free Flame Retardant, UV Stabilized)
Voltage output types	0 to 10Vdc

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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