



### 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

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

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## Related Product Codes

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