

## Features & Benefits

- Weatherproof Housing
- Wide range of sensing element types
- Optional probe lengths, 2m or 5m
- Hinged lid with the facility of tamper proofing

## Technical Overview

The TT-DA temperature sensors are used for measuring temperature in ducts where an average reading across the air flow is required. Sensing elements are housed in a nylon tube, and spaced at intervals along the standard 2.2m length.

## Specification

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Current Output        | 4 to 20mA                                           |
| Environmental housing | -30 to +70°C, 0 to 95% RH non-condensing            |
| Environmental media   | -10 to +100°C                                       |
| Gross Weight (kg)     | 0.2                                                 |
| Housing dimensions    | 80 x 79 x 44mm                                      |
| Housing material      | PC/GF (Halogen Free Flame Retardant, UV stabilized) |
| Passive output types  | Resistive                                           |
| Probe dimensions      | 2.2m x 8mm dia.                                     |
| Probe material        | Nylon 12                                            |
| Protection            | IP65                                                |
| Voltage output types  | 0 to 10Vdc                                          |
| Weight                | 220g                                                |

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### Related Product Codes

|                    |                                                  |
|--------------------|--------------------------------------------------|
| <b>TT-DA-A</b>     | Duct Averaging Temp Sensor 10K3A1                |
| <b>-5M</b>         | Duct Averaging Temp Sensor 10K3A1 5M             |
| <b>TT-DA-B</b>     | Duct Averaging Temp Sensor 10K4A1                |
| <b>TT-DA-C</b>     | Duct Averaging Temp Sensor 20K6A1                |
| <b>TT-DA-CVO</b>   | Duct Averaging Temp Sensor CVO                   |
| <b>TT-DA-CVO-C</b> | Duct Averaging Temp Sensor CVO<br>Customer Spec. |
| <b>TT-DA-D</b>     | Duct Averaging Temp Sensor PT100A                |
| <b>TT-DA-E</b>     | Duct Averaging Temp Sensor PT1000A               |
| <b>TT-DA-F</b>     | Duct Averaging Temp Sensor Ni1000A               |
| <b>TT-DA-G</b>     | Duct Averaging Temp Sensor LAN1                  |
| <b>TT-DA-H</b>     | Duct Averaging Temp Sensor SAT1                  |
| <b>TT-DA-K</b>     | Duct Averaging Temp Sensor STA1                  |
| <b>TT-DA-L</b>     | Duct Averaging Temp Sensor TAC1                  |
| <b>TT-DA-M</b>     | Duct Averaging Temp Sensor 2.2K3A1               |
| <b>TT-DA-N</b>     | Duct Averaging Temp Sensor 3K3A1                 |
| <b>TT-DA-P</b>     | Duct Averaging Temp Sensor 30K6A1                |
| <b>TT-DA-Q</b>     | Duct Averaging Temp Sensor 50K6A1                |
| <b>TT-DA-R</b>     | Duct Averaging Temp Sensor 100K6A1               |
| <b>TT-DA-S</b>     | Duct Averaging Temp Sensor SAT2                  |
| <b>TT-DA-T</b>     | Duct Averaging Temp Sensor SAT3                  |
| <b>TT-DA-W</b>     | Duct Averaging Temp Sensor SIE1                  |
| <b>TT-DA-Y</b>     | Duct Averaging Temp Sensor STA2                  |
| <b>TT-DA-Z</b>     | Duct Averaging Temp Sensor CAREL 10K<br>NTC      |