

## Features & Benefits

- Weatherproof Housing
- Wide range of sensing element types
- PTFE Radiation shield version to minimize errors from gains of the effects of direct sunlight
- Hinged lid with the facility of tamper proofing

## Technical Overview

The TT-OR has the element fitted into a PTFE radiation shield, designed to provide fast response times to changes in outside air temperature and to protect the element from the effects of direct sunlight.

## Specification

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Current Output        | 4 to 20mA                                           |
| Dimensions            | 80 x 79 x 44mm                                      |
| Environmental housing | -30 to +70°C, 0 to 95% RH non-condensing            |
| Environmental media   | -30 to +100°C                                       |
| Gross Weight (kg)     | 0.08                                                |
| Housing material      | PC/GF (Halogen Free Flame Retardant, UV Stabilized) |
| Passive output types  | Resistive                                           |
| Protection            | IP65                                                |
| Voltage output types  | 0 to 10Vdc                                          |
| Weight                | 160g                                                |

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**Related Product Codes**

|                    |                                                    |
|--------------------|----------------------------------------------------|
| <b>TT-OR-A</b>     | Outside Air Rad Shield Sensor 10K3A1               |
| <b>TT-OR-B</b>     | Outside Air Rad Shield Sensor 10K4A1               |
| <b>TT-OR-C</b>     | Outside Air Rad Shield Sensor 20K6A1               |
| <b>TT-OR-CVO</b>   | Outside Air Rad Shield Sensor CVO                  |
| <b>TT-OR-CVO-C</b> | Outside Air Rad Shield Sensor CVO<br>Customer Spec |
| <b>TT-OR-D</b>     | Outside Air Rad Shield Sensor PT100A               |
| <b>TT-OR-E</b>     | Outside Air Rad Shield Sensor PT1000A              |
| <b>TT-OR-F</b>     | Outside Air Rad Shield Sensor Ni1000A              |
| <b>TT-OR-G</b>     | Outside Air Rad Shield Sensor LAN1                 |
| <b>TT-OR-H</b>     | Outside Air Rad Shield Sensor SAT1                 |
| <b>TT-OR-K</b>     | Outside Air Rad Shield Sensor STA1                 |
| <b>TT-OR-L</b>     | Outside Air Rad Shield Sensor TAC1                 |
| <b>TT-OR-M</b>     | Outside Air Rad Shield Sensor 2.2K3A1              |
| <b>TT-OR-N</b>     | Outside Air Rad Shield Sensor 3K3A1                |
| <b>TT-OR-P</b>     | Outside Air Rad Shield Sensor 30K6A1               |
| <b>TT-OR-Q</b>     | Outside Air Rad Shield Sensor 50K6A1               |
| <b>TT-OR-R</b>     | Outside Air Rad Shield Sensor 100K6A1              |
| <b>TT-OR-S</b>     | Outside Air Rad Shield Sensor SAT2                 |
| <b>TT-OR-T</b>     | Outside Air Rad Shield Sensor SAT3                 |
| <b>TT-OR-V</b>     | Outside Air Rad Shield Sensor SAT4                 |
| <b>TT-OR-W</b>     | Outside Air Rad Shield Sensor SIE1                 |
| <b>TT-OR-Y</b>     | Outside Air Rad Shield Sensor STA2                 |
| <b>TT-OR-Z</b>     | Outside Air Rad Shield Sensor CAREL 10K<br>NTC     |