TT-OR

Outside Air Temperature Sensors with Radiation Shield

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

Technical Specification

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

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