TT-C

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-C range of temperature strap-on sensors are used on pipe work systems to detect liquid temperature where fitting an immersion sensor is not practical. The sensor is housed in a 50mm long probe with two metres of PTFE 2-core cable as standard connecting the probe to an IP65 housing for termination. Units contain either a high quality thermistor, Nickel or Platinum sensing element.

Specification

Cable Dimensions	2 meters
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)	0.16
Housing material	PC/GF (Halogen Free Flame Retardant, UV Stabilized)
Passive output types	Resistive
Protection	IP65
Voltage output types	0 to 10Vdc
Weight	200g

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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

Voltage output types	0 to 10Vdc

Related Product Codes

TT-C-A	Clamp-On Temp Sensor 10K3A1
-5M	Clamp-On Temp Sensor 10K3A1 5M
TT-CAL-ADP	Additional Cal Point Select Between 0 & 70°C
TT-C-B	Clamp-On Temp Sensor 10K4A1
TT-C-C	Clamp-On Temp Sensor 20K6A1
TT-C-CVO	Clamp-On Temp Sensor CVO
TT-C-CVO-C	Clamp-On Temp Sensor CVO Customer Spec.
TT-C-D	Clamp-On Temp Sensor PT100A
TT-C-E	Clamp-On Temp Sensor PT1000A
TT-C-F	Clamp-On Temp Sensor Ni1000A
TT-C-G	Clamp-On Temp Sensor LAN1
TT-C-H	Clamp-On Temp Sensor SAT1
TT-C-L	Clamp-On Temp Sensor TAC1
TT-C-M	Clamp-On Temp Sensor 2.2K3A1
TT-C-N	Clamp-On Temp Sensor 3K3A1
TT-C-P	Clamp-On Temp Sensor 30K6A1
TT-C-Q	Clamp-On Temp Sensor 50K6A1
TT-C-R	Clamp-On Temp Sensor 100K6A1
TT-C-S	Clamp-On Temp Sensor SAT2
TT-C-T	Clamp-On Temp Sensor SAT3
TT-C-W	Clamp-OnTemp Sensor SIE1
TT-C-Y	Clamp-On Temp Sensor STA2
TT-C-Z	Clamp-On Temp Sensor CAREL 10K NTC

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