

Features & Benefits

- Weatherproof Housing
- Wide range of sensing element types
- Stainless steel probe
- Optional probe lengths, 65, 100,150 & 250mm
- Hinged lid with the facility of tamper proofing

Technical Overview

Immersion sensors are used for measuring the temperature of liquids in pipework. The sensing element is housed in a stainless steel probe fitted to an IP65 rated enclosure, for direct mounting into TT-PO-521 or TT-PO-HP range of stainless steel pockets.

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)	0.1
Housing material	PC/GF (Halogen Free Flame Retardant, UV Stabilized)
Passive output types	Resistive
Probe dimensions	65, 150 or 250mm x 6mm dia.
Probe material	Stainless Steel 304
Protection	IP65
Voltage output types	0 to 10Vdc
Weight	160g

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Voltage output types	0 to 10Vdc

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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

-100	TT-I Immersion Sensors 100 mm
-250	TT-I Immersion Sensors 250 mm
-65	TT-I Immersion Sensors 65mm
TT-I-A	Immersion Temp Sensor 150MM 10K3A1
TT-I-B	Immersion Temp Sensor 150MM 10K4A1
TT-I-C	Immersion Temp Sensor 150MM 20K6A1
TT-I-CVO	Immersion Temp Sensor 150MM 0-10V/4-20mA
TT-I-CVO-C	Immersion Temp Sensor 150MM 0-10V/4-20mA Custom
TT-I-D	Immersion Temp Sensor 150MM PT100A
TT-I-E	Immersion Temp Sensor 150MM PT1000A
TT-I-F	Immersion Temp Sensor 150MM Ni1000A
TT-I-G	Immersion Temp Sensor 150MM Ni1000A/TCR
TT-I-H	Immersion Temp Sensor 150MM SAT1
TT-I-L	Immersion Temp Sensor 150MM TAC1
TT-I-M	Immersion Temp Sensor 150MM 2.2K3A1
TT-I-N	Immersion Temp Sensor 150MM 3K3A1
TT-I-P	Immersion Temp Sensor 150MM 30K6A1
TT-I-Q	Immersion Temp Sensor 150MM 50K6A1
TT-I-R	Immersion Temp Sensor 150MM 100K6A1
TT-I-S	Immersion Temp Sensor 150MM SAT2
TT-I-T	Immersion Temp Sensor 150MM SAT3
TT-I-W	Immersion Temp Sensor 150MM SIE1
TT-I-Y	Immersion Temp Sensor 150MM STA2
TT-I-Z	Immersion Temp Sensor 150MM 10K

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