

TWC-N

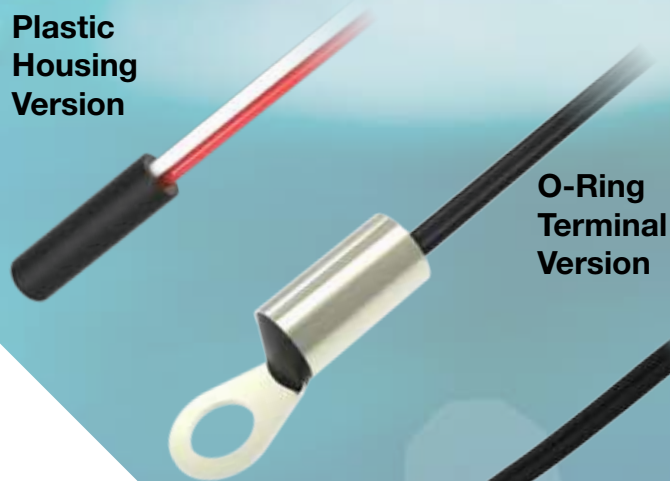
NTC Temperature sensor [OEM]

Negative Temperature Coefficient (NTC) sensors are able to convert small temperature changes to significant resistance changes.

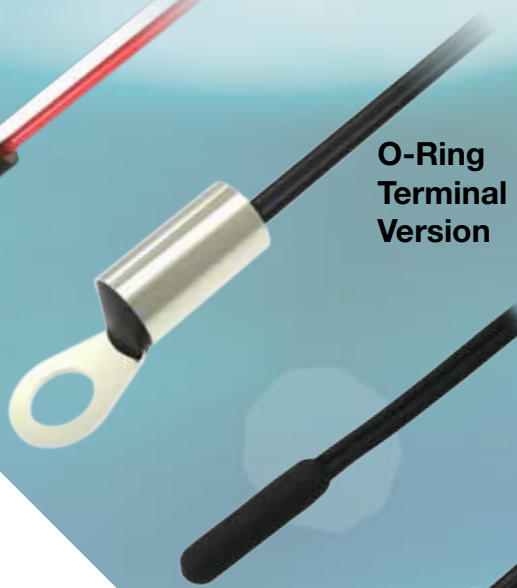
Technical Details:

- Temperature range:
-40 ... 200 °C
- Accuracy:
±0.2 °C at R25 reference
±0.1 °C for medical application
- Rated Current: <1 mA
- Approved HV Safety: ≤ 3000 V_{DC}
- IP Grade: IP68
- Fast response time
- High accuracy and reliability

Plastic Housing Version



O-Ring Terminal Version



Thermoplastic Overmoulded Version



Stainless Steel Housing Version



DIVERSITY CUSTOMIZED



Application:

- Automotive industry
- Electric mobility
- Charging stations
- Process monitoring / control
- Industrial installations
- Laboratories



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TWC-P

PT Resistance thermometers [OEM]

Platinum (PT) resistors are utilised for simple, precise and linear temperature measurements.

Technical Details:

- Temperature range: -196... 600 °C
- Accuracy: Class A, B IEC 60751 ± 0.1 °C with PCBA calibration
- Rated Current: <1 mA
- Approved HV Safety: $\leq 3000 V_{DC}$
- IP Grade: IP68
- Fast response time
- High accuracy and reliability

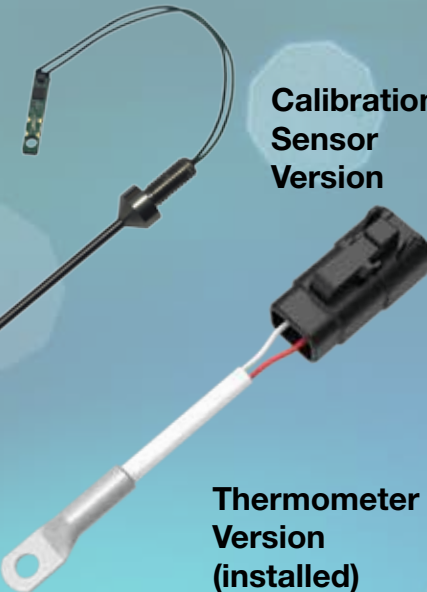
Stainless Steel
Housing
Version



Thread Unit
Version



Calibration
Sensor
Version



Thermometer
Version
(installed)



Application:

- (Green) energy generation
- Building services (HVAC)
- Industrial applications
- Power transmission / conversion
- Medical applications

