


Thermometrics Sensor Assemblies

Pressure and Temperature Combination Sensor

Thermometrics Pressure & Temperature Combination Sensor provides both pressure and temperature measurements in one sensor assembly. For reliable and accurate measurements, the sensor utilizes NTC thermistor technology for temperature sensing alongside silicon-based Microelectromechanical Systems (MEMS) technology for absolute pressure sensing. This sensor assembly also features robust internal circuit protection and sealed integral connection system.



Thermometrics Sensor Assemblies – Pressure and Temperature Combination Sensor

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Thermometrics Pressure & Temperature Combination Sensor provides both pressure and temperature measurement in a single assembly. For reliable and accurate measurements, the sensor utilizes NTC thermistor technology for temperature sensing and MEMS (Microelectromechanical Systems) technology for absolute pressure sensing. This sensor assembly also features overcurrent protection and a sealed integral connection system, which makes it ideal for automotive, heavy equipment, agricultural machinery (EV), and generator set applications.

Applications:

- Automotive Applications:
 - Engine Fuel
 - Engine Oil
 - Engine Intake Manifold
- Electric Vehicle (EV) Battery Coolant
- Generator Sets

Features:

- Robust internal circuit protection
- Sealed integral connection system
- MEMS based pressure sensing
- NTC thermistor temperature sensing
- Mating port per ISO standard
- Other thread sizes available per request
- Additional R vs. T and pressure curves available per request

About Thermometrics, a Division of Amphenol Advanced Sensor

With more than 70 years of technology experience in the development, design and manufacture of high-quality sensors, one of the most comprehensive ranges of temperature measurement and sensing products in the world today. Thermometrics technologies include high accuracy NTC thermistors, PTC heaters, non-contact IR and custom design capabilities global provides solutions to a wide range of temperature sensing challenges faced by the healthcare, automotive, industrial and

About Component Distributors, Inc. (CDI)

Component Distributors, Inc. (CDI) is a value-added distributor of high-performance LED, Power, RF & Microwave, Wi-Fi component technologies. CDI distributes globally and provides local application support and customer service across the cutting edge power electronics by wrapping application support, development tools and design services around high-performance industry leading manufacturers.

Category

1. Ewave
2. Sensors and Wireless
3. Thermometrics/Amphenol

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