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Product Spotlight



Combination Pressure and Temperature Sensor

Overview

Designed for heavy duty transportation applications, the Combination Pressure and Temperature Sensor is suitable for gas and fluid applications. The sensor provides separate analog outputs for pressure and temperature. Using proven design blocks from current production sensors, a rugged sensor, capable of withstanding harsh environments, is available.

Pre-SOP Units Available - PPAP ready 2nd Half 2018

Features

- Operating Temperature: -40°C to 135°C with excursions up to 150°C
- Tyco 4-pin connector
- PPS thermoplastic material
- Temperature Response Time: <12 seconds in air flow of 6 m/s to 63% of input temperature
- Pressure Response Time: <10 ms to 63% of step change input



Applications

- Engine coolant
- Engine oil
- Engine fuel
- Engine intake air
- Refrigerant

Ordering Options

Part Number	Threaded Pressure Port	Absolute Pressure Sensing Range	Threaded Hex Material	Mating Connector (Tyco P/N)
GE-2096	M14 x 1.5	50 - 500 kPaA	Machined Brass	776487-3
GE-2097	M12 x 1.5	50 - 300 kPaA	Machined Brass	776487-2
GE-2098	M14 x 1.5	20 - 204 kPaA	Stainless Steel	776487-1
GE-2099	M12 x 1.5	76 - 655 kPaA	Machined Brass	776487-4

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