



## 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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