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1800-07G-L1L-B Low Pressure Sensors

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1800/1805 Series, 0 psi to 30 psi pressure range, gage, 10.0 Vdc typ., 15.0 Vdc max. supply voltage, TO -8 can

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Overview

Specs

Documentation

Application Notes

Description

The 1800/1805 Series sensors are high performance TO-8 pressure transducers specifically designed to address both low and medium pressure OEM applications. The transducers offer two performance grades and a variety of compensation options, including span and calibration within ± 2 mV (normalized output). This series contains a solid state piezoresistive pressure sensor mounted in a standard TO-8 package. They are printed circuit board and pin-for-pin compatible with other TO-8 pressure sensors.

Features

Features

- ? Standard pressure ranges from 0 psi to 3 psi and 0 psi to 150 psi
- ? Gage, absolute or differential models
- ? Voltage or constant current excitation
- ? Choice of temperature compensation options
- ? Uncompensated version available for microprocessor-based designs

Potential Applications

Potential Applications

- ? Instrumentation calibration
- ? Avionics/Aerospace
- ? Medical equipment
- ? HVAC
- ? Pneumatic controls