

All Sensors BLC Series Low Pressure Compact Sensors

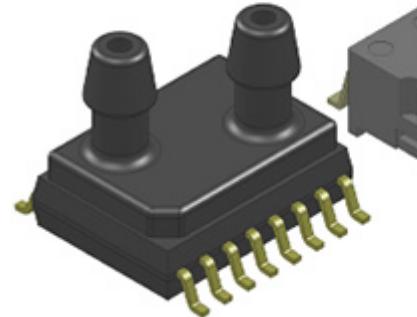
Description

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All Sensors BLC Series Low Pressure Compact Sensors

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The **BLC Series** Basic Low Pressure Compact Sensor is based on All Sensors™ CoBeam2 TM Technology. The device output signal at a low operating voltage and reduces the overall supply voltage while maintaining comparable output levels to equivalent basic sensing elements. This lower supply voltage gives rise to improved warm-up shift while the CoBeam2 TM reduces package stress susceptibility resulting in improved overall long term stability. The technology also vastly improves reliability compared to conventional single die devices.

This series is intended for use with non-corrosive, non-ionic working fluids such as air, dry gases and the like. The output is linear to the supply voltage and is operable from 0.9 to 1.8 volts DC.

Applications:

- Medical Instrumentation
- Environmental Controls
- HVAC
- Portable/Hand-Held Equipment

Features:

- 0 to 30 inH₂O and 5 to 150 PSI and 15 to 150 PSIA Pressure Ranges
- 0.9V to 1.8V Supply Voltage
- 0.1% Linearity Typical For Low Pressure Ranges
- 0.15% Linearity Typical For High Pressure Ranges
- Less Position Sensitivity

About All Sensors

All Sensors is a leading manufacturer specializing in MEMS ultra-low level (0.1-inch water to 5 psi) pressure sensors and pressure transducers. Our company goal is to manufacture high accuracy, quality pressure sensors that provide customers with the ideal sensor for their application. Our sensors are offered in pressure ranges from the ultra-low (0.1-inch water column to 1 inch water column) to medium pressure ranges (1 inch water column to 30 inches) as well as pressure ranges from 1 psi to 100 psi.

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

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Email: sales@cdiweb.com Toll-Free: 1-800-777-7334

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1. All Sensors
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Date Created

January 20, 2022

Author

cdiwebadmin