

All Sensors Corporation

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PRESS RELEASE
For Immediate Release

New Media Isolated Millivolt Pressure Sensors

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All Sensors Corporation of Morgan Hill, California has announced a brand new offering of **media isolated** pressure sensors. The first line released is the ceramic CPM 602 Series. These new pressure sensors offer design engineers excellent performance in various applications, especially for low-cost solutions.

The CPM 602 Series offer piezoresistive monolithic ceramic pressure sensors. Product highlights include excellent chemical resistance and easy mounting. Using thick-film technology, the measuring bridge is printed directly onto one side of the ceramic diaphragm. The structure-free backside can be directly exposed to the medium to be measured. Due to a high resistance to chemicals, additional protection is not necessary. On the basis of solid construction, these sensors are mostly unaffected by clamping effects after mounting, and therefore OEM customers can easily install them in different housings. The ceramic sensor has been especially designed for pasty, polluted, and aggressive media, and for oxygen applications at low pressure ranges. Devices are available in 30, 75, 150, 300, 750, 1500, 3000, and 6000 PSI.

Product Features

- Pressure ranges 30 to 6000 psi gauge
- Piezoresistive monolithic
- Excellent chemical resistance
- Easy mounting
- Vacuum resistant

Electrical Features

- Supply voltage 2 to 30 V_{DC}
- Compensated mV output
- Ratiometric
- Total error better 0.4% FS

Applications

Ideal applications for this device are; pneumatic; hydraulics; plant and mechanical engineering; automotive; medical; marine shipbuilding; energy; environmental controls

Price

Contact factory for price. Samples are available for product testing.

For additional information, please visit:

<https://www.allsensors.com/products/cpm-602-series>

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