

# All Sensors Corporation

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PRESS RELEASE  
*For Immediate Release*

## New Ceramic Amplified Pressure Sensors

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All Sensors Corporation of Morgan Hill, California has announced a brand new **media isolated** pressure sensor to add to our extensive portfolio. The second line released in this product family is the CPA 602 Series. These new pressure sensors offer design engineers excellent performance with integrated amplification in various applications, especially for low-cost solutions.

The CPA 602 Series offers piezoresistive monolithic ceramic pressure sensors. Product highlights include excellent chemical resistance and mechanical robustness. 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. 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
- Excellent mechanical robustness
- Easy mounting
- Vacuum resistant

### Electrical Features

- Ratiometric output signal (0.5 to 4.5V)
- Supply voltage 4.5 to 5.5 V<sub>DC</sub>
- Compensated and calibrated amplified output
- 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/cpa-602-series>

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