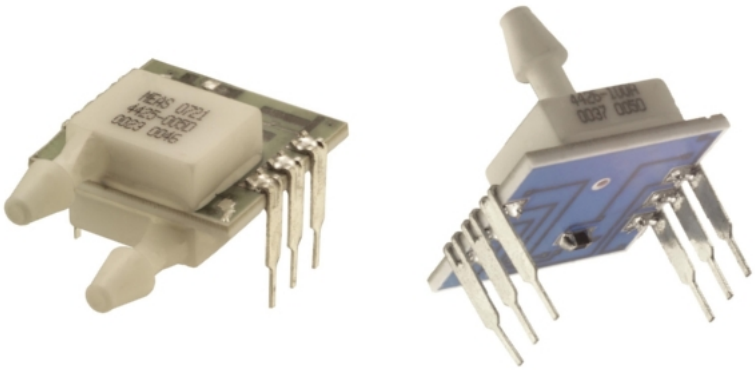
Pressure sensors designed for cost efficiency, long term stability



Servoflo Corporation of Lexington, Massachusetts is pleased to announce the MS4425 Series of pressure sensors. These temperature-compensated piezoresistive pressure sensors are available in various pressure ranges from 0-1 psi up to 0-300 psi. The MS4425 have a temperature-compensated millivolt output, making it an ideal option for applications where noise and resolution need to be managed.
Intended for cost-sensitive applications where excellent performance and long-term stability are required, the MS4425 are compensated from 0C to 50C with ±0.15% of span non-linearity in the gauge and absolute models and have long-term stability of ±0.1mV. With a dual-in-line package, the MS4425 has 1/8” barbed ports, which mate with 3/32” ID tubing. The tubes are parallel to the printed circuit board to allow other boards to be located above the sensor. A vertical mount model (the MS4426) is also available. The MS4425 accepts a 12VDC supply.

Typical applications include medical instruments such as infusion pumps, blood pressure equipment and deep vein thrombosis equipment, altitude and airspeed measurements, process control, factory automation and leak detection.

Samples are available for qualified customers while pricing for ordering quantities of 500 are $16.85 each.

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