

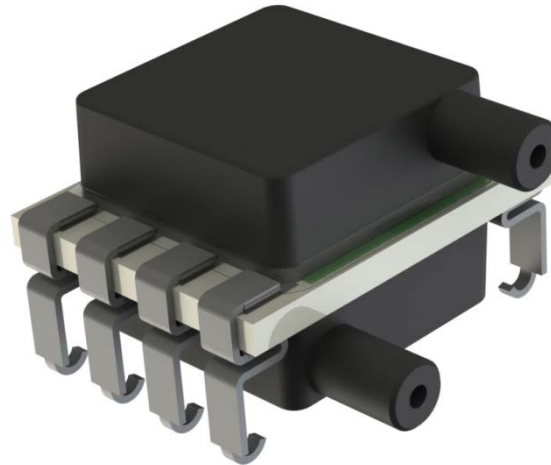
Editorial Contact:

Mr. Michael Daily
Marketing Communications Specialist
Tel: 801-208-4675
Email: michael.daily@merit.com

MERIT SENSOR SYSTEMS, INC. INTRODUCES A New Ultra-Low Pressure Sensor Family of Packaged Pressure Sensor Products
Super Stable, Ultra-Low Pressure Sensor

Salt Lake City, Utah – January 6, 2014 – Merit Sensor Systems, Inc., announces the launch of its new line of super stable, ultra-low pressure sensor products capable of meeting pressure monitoring requirements within a range as low as 4 inches H₂O (10 millibar, 1 kPa).

The new LP Series pressure sensor assembly is a surface mountable (SMT), eight-pin design available in both uncompensated and compensated output configurations. The compensated LP Series versions include both high-accuracy analog and digital ratiometric signal output options with each compensated option providing full compensation for offset, temperature and span variability.



Merit Sensor's L Series piezoresistive MEMS pressure sensing element is the heart of the LP Series package. The L Series is a proprietary Merit Sensor MEMS sensing element design specifically engineered to offer superior burst pressure and stability performance characteristics. The L Series MEMS die output is specified at a highly sensitive 50,000uV/V/PSI for a 0 to 4 inches H₂O operating range.

“We are excited to add the LP Series family of ultra-low pressure sensor packages to our pressure sensor portfolio,” stated Merit Sensor President, Rick Russell. “Last year we introduced the TR Series sensor solution to address a market need for harsh media pressure monitoring, and today we are adding ultra-low pressure sensing capability to our portfolio. Merit Sensor has a great tradition of providing pressure sensor products with superior stability and drift performance and the LP Series continues this focus. We expect this product will give application and system engineers new levels of accuracy and pressure monitoring performance.”



The LP Series will meet application needs in both the industrial and medical markets including smart HVAC vent control, room pressure differential and respiratory-related pressure monitoring applications. The design is available in pressure ranges from 4 to 28 in H₂O (10-69 mbar, 0.15-1psi) and for temperature ranges from -40 to +85°C. The package is designed to offer maximum flexibility for system integration including options for pressure port configurations, pin-out options, output and pressure range options, and electrical schematic configuration. For more information visit the Merit Sensor website page: www.meritsensor.com.

ABOUT MERIT SENSOR SYSTEMS, INC.

Merit Sensor Systems, Inc. is a wholly-owned subsidiary of Merit Medical Systems, Inc (NASDAQ: MMSI). Merit Sensor manufactures and sells MEMS piezoresistive pressure sensing elements and pressure sensor packages, including uncompensated, passively compensated, and actively compensated products. The company offers MEMS pressure sensing elements ranging from 0.15 to 15,000 psi operating ranges, and specializes in the design and manufacturing of custom pressure sensor products for virtually any pressure monitoring application. The company's MEMS pressure sensor die and assemblies are fabricated and assembled at its South Jordan, UT facility.

FOR MORE INFORMATION

Michael Daily, Marketing and Communications Specialist, 801-208-4675
Michael.daily@merit.com
www.meritsensor.com