



Press Release

MPL announces new miniature pressure switch, the MPL 5000X.

Pompano Beach, FI - Micro Pneumatic Logic (**MPL**) is proud to announce a new cost effective miniature pressure switch targeting the OEM medical market. The **MPL 5000X** with its small footprint is ideal for PCB mounting and is easily incorporated into miniature assemblies for medical applications like nebulizers, portable oxygen concentrators and other forms of drug delivery systems. These switches offer a high degree of switching point accuracy and reliability, compact space saving size and very competitive pricing.

The **MPL 5000X** is rated between 0.01 in./H₂O and 0.75 in./H₂O. The switch pressure is factory set and calibrated to the desired switching pressure. The proof pressure for these switches is 1.0 psi with a burst pressure of 25 psi. The switches perform reliably in an operating temperature range of -40°F to 120°F. These new miniature pressure switches utilize precious metal contacts to provide extended lifetime and reliability.

The **MPL 5000X** miniature pressure switch is a result of extensive research and development to provide a high-quality, reliable economical solution for general purpose low pressure switching. Ideal for deployment in applications that have space limitations these pressure switches are an inexpensive solution for task monitoring. The switches are designed to support low-current logic applications.

For the past 35 years **MPL** has earned a global reputation of product innovation and service excellence which began with the production of a sensitive miniature pressure switch used to improve the reliability of mainframe computers. Through decades of manufacturing experience and commitment to vertical integration, **MPL** has learned what works in specifying and mass producing precision pressure sensing and pressure switching products. Today **MPL** switches can be found literally everywhere from hospital rooms to residential homes.

MPL is vertically integrated, global company with capability to design a new concept, prototype, design production tooling, and integrate precision stamping and molding with automated assembly, calibration and product testing. All of **MPL's** facilities are ISO 9000:2000 certified and adhere to the systematic use of quality tools from design to production. **MPL** utilizes strict quality standards and tools such as APQP, PPAP, MSA, SPC and FMEA. New products and designs are subjected to rigorous modeling and FEMA prior to prototype assembly.

With millions of switches at work world wide and decades of experience with OEM customers, **MPL** is committed to delivering cost-effective, made-to-order solutions. **MPL** Application Specialists will work closely with your design engineers to ensure that all requirements are met and expectations are exceeded.

Visit MPL in Booth #576 at the MD&M East Show.

For more information about MPL product, contact:

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