



MPL 500 Series Low Pressure Momentary Switches

World Leader in Pressure Switch and Sensor Design

The MPL 500 Series switches offer pressure, vacuum, and differential sensors, sensitive as low as 0.07 in/H₂O. Their accuracy and reliability offer the designer an excellent general purpose low pressure to electric interface for monitoring and control applications. Miniature size and low cost make the 500 Series ideal for OEM applications.

During the development of a specification, actuation point can be moderately adjusted by the designer. In production, a factory setting is required

Use any MPL 500 Series switch with an interface device such as a solid state relay.

MPL has been a leading global supplier of pressure sensor & switches for over 35 years.

Features & Benefits

- Customer Engineered Solutions
- Fixed and Adjustable Set Points
- Variable Port Configuration
- Normally Open/Normally Closed
- Single Pole, Single Throw
- PC Mountable
- Historically Proven Reliability

Applications

- Oxygen Concentrators
- Appliances
- Pneumatic Equipment
- Air Filters
- Exhaust Monitoring
- Automation
- Vehicle Controls

Technical Specifications

Operating Pressure

0.07 in/H₂O to 550 in H₂O (20psi)

Burst

25 psi

Body

Glass-filled polyester

Terminals

Brass, gold-plated

Resistance

500 milliOhm maximum

Weight

10 grams

Operating Temperature

-40° to 120°C (-40° to 250°F), depending on components.

Contacts

gold-alloy cross-point

Diaphragm

polyurethane, fluorosilicone EPDM, Teflon®

Form

SPST-NO, SPST-NC 2x, SPST-NO (Form F) MPL 504

Agency Recognitions

UL recognized component