



MPL 600 Series

Low Pressure Snap-Action Switches

World Leader in Pressure Switch and Sensor Design

The MPL 600 Series switches offer pressure or vacuum sensors which combine the features of the MPL 500 Series with snap action switching for higher current capacity, SPDT contact form, and switch deadbands. Miniature size and low cost make the MPL 600 Series ideal for OEM applications.

MPL 600 switches are designed for heavy current loads. Depending on pressure setting, ratings are available from 3A to 25A, and 0.1 HP to 1.0 HP. For low-current applications, special contacts are available for milliamp loads.

Diaphragm material can be selected for the operating medium, temperature range and other parameters.

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

Features & Benefits

- Customer Engineered Solutions
- Wide Variety of Pressure Medium
- High Current Capable
- Fixed & Adjustable Set Points
- Normally Open/Normally Closed
- Single Pole, Double Throw
- Historically Proven Reliability

Applications

- Medical Equipment
- Appliances
- Pneumatic Equipment
- Automation
- Air Proving

Technical Specifications

Operating Pressure

Pressure: 1.50 in/H₂O to 45 psi
Vacuum: 4.0 in/H₂O to 14 psi

Body

glass-filled polyester

Burst

50 psi

Form

SPDT, SPNO, SPNC

Weight

18 grams (MPL 600); 24 grams (600-V); 45 grams (MPL 604)

Snap Switch

UL & CSA listed, wide selection

Operating Temperature

-40° to 85°C (-40° to 185°F), depending on components. Consult factory.

Electric Rating

0.1A at 125 VAC to 25 A at 125 VAC

Life

Mechanical: Over 1,000,000 cycles
Electrical: depending upon application

Diaphragm

polyurethane, fluorosilicone
EPDM, Teflon®