

MPL 800: Medium Pressure Snap-Action Switch

MPL 808 extends the range of MPL 600-style switches with snap action in an all-metal housing, designed for actuation between 10 psi and 250 psi.

Description

MPL 808 utilizes a sensor body die cast of aluminum-zinc alloy, with a 1/8" NPT fitting. Like the 600 Series, MPL 808 is diaphragm operated. Diaphragm material can be selected for the operating medium, temperature range, and other factors.

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

Electrical

MPL 808 incorporates standard high reliability snap action switches. Depending on pressure setting, ratings are available from 3A to 25A, and 0.1HP to 1.0HP. Special contacts are available for low current applications.

Actuation

MPL 800 pressure models are available from 10 to 250 psi. Tolerance is typically +/- 10% of setpoint.

Specifications

Body: aluminum-zinc alloy

Diaphragm: polyurethane standard, other materials available

Snap Switch: UL & CSA listed, wide selection

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

Operating Pressure: 10 psi to 250 psi

Burst: 500 psi

Form: SPDT

Terminals: Three 0.020" x 0.187" male tabs standard. Three 0.032" x 0.250" available. Special OEM terminals available.

Dimensions: 2.0 x 2.0 x 1.0 inch

Weight: 2 ounces (57 grams)



MPL 800 Series Dimensions

