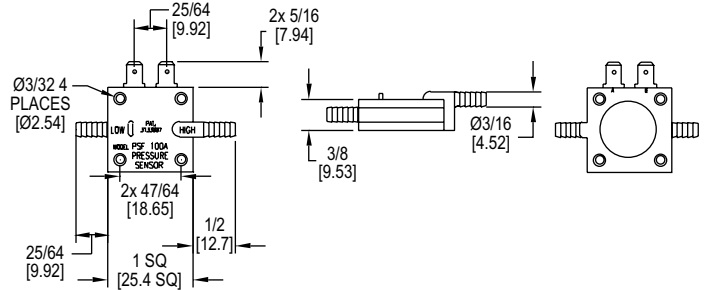
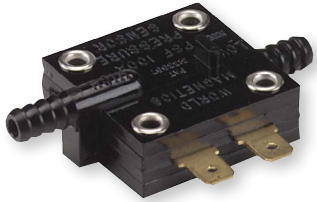


# MINIATURE PRESSURE SWITCH

Shock and Vibration Resistant, Lightweight and Compact, Gold Contacts



The **Series MDS Miniature Pressure Switch** is designed with a double diaphragm to protect false actuation due to shock and vibration. This low cost pressure switch has a minimum 20 million cycle life expectancy, and an extremely fast response time, making this an ideal device for OEM orders.

## BENEFITS/FEATURES

- Low cost, long service life and fast response time is suitable for a wide range of OEM uses
- Lightweight but shock and vibration resistant for tough applications
- Gold contacts help ensure a clean connection without dirt or oxidation

## APPLICATIONS

- Air proving
- Cleaning and purification
- Ventilation flow
- Heavy equipment and machinery
- Pressure monitoring
- Exhaust ducts

MODEL CHART			
Model	Set Point in w.c.	Model	Set Point in w.c.
MDS-0	0.5	MDS-6	6.0
MDS-1	1.0	MDS-8	10.0
MDS-2	1.5	MDS-10	15.0
MDS-3	2.0	MDS-12	30.0
MDS-4	3.0	MDS-14	50.0

## SPECIFICATIONS

- Switch Type:** SPST normally open.
- Switching Media:** Air or compatible fluids on "high" side.
- Pressure Limits:** Set point <3.0 in w.c.: 8 psi; Set point >3.0 in w.c.: 15 psi.
- Current Rating:** Gold contact switch providing maximum 40 mA resistive load allowing for life in excess of 20 million cycles.
- Temperature Limits:** 40 to 150°F (4 to 66°C).
- Electrical Connections:** Brass tab-type for use with quick disconnections.
- Pressure Connections:** Two barbed ports for use with 1/8"-3/16" ID tubing.
- Housing:** Polycarbonate.
- Diaphragm Material:** Polyurethane.
- Operating Voltage:** AC/DC - 30 V or less with resistive load.
- Weight:** Less than 0.353 oz (10 g).

USA: California Proposition 65  
**WARNING:** This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).