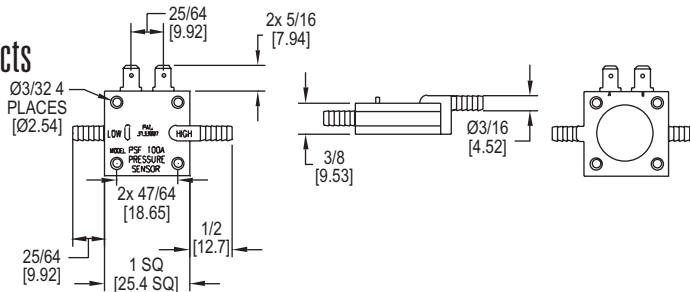


Dwyer

SERIES MDS

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.

FEATURES/BENEFITS

- 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

USA: California Proposition 65

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).

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