## SERIES MDS | MINITATURE PRESSURE SWITCH

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



## DESCRIPTION

The SERIES MDS 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.

## 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 $150^{\circ} \mathrm{F}\left(4\right.$ to $\left.66^{\circ} \mathrm{C}\right)$. |
| Electrical Connections | Brass tab-type for use with quick disconnections. |
| Housing | Polycarbonate. |
| Diaphragm Material | Polyurethane. |
| Operating Voltage | AD/DC -30 V or less with resistive load. |
| Weight | Less than 0.353 oz $(10 \mathrm{~g})$. |
| Agency Approvals | cULus. |

## DIMENSIONS



## HOW TO ORDER

Use the bold characters from the chart below to construct a product code.
SERIES
MDS - Miniature pressure switch

