COMPACT FAN AND FILTER FAN
AIR FLOW MONITOR

FSW800B Series

- Reliable Mechanical Switch Contact
- Small Size
- Economical
- Easily Installs Via Clip or Clamp
- Versatile Fields of Application

The FSW800B Series air-flow monitor provides a simple but reliable alternative to indicate positive or negative air flow of fans. When properly installed and connected in series with an optical (i.e. LED) or audible signaling device, a bi-directional switch will activate an electrical contact if the air flow of the fan falls below 8.2 ft/s, thus either turning the signaling device on or off.

SPECIFICATIONS
Contact Type: Reed/magnet contact
NC (Normally Closed): Contact open with air flow
NO (Normally Open): Contact closed with air flow
Switching Threshold of Air Flow Speed: >8.2 ft/s (2.5 m/s)
Hysteresis: 3.3 ft/s (1 m/s)—fixed
Contact Resistance Incl. Wire: 370 mΩ (1214')
Service Life: >100,000 cycles
Maximum Switching Capacity: 10 W (resistive load)
Maximum Switching Voltage: NC, AC/DC 240 V/NO, DC 60V
Maximum Switching Current: NC, DC 500 mA/NO, DC 170 mA

Connection: 2 x single strand AWG 26, length 500 mm (20”), tip of stranded wire stripped/tinned 5 mm (0.20")
Mounting: Attachment clamp and/or clip, or integrated in protective grill
Housing: Plastic, black
Dimensions: 34 x 17.5 x 7.5 mm (1.3 x 0.7 x 0.3")

Mounting Position: Air-flow monitor opening perpendicular to air flow
Operating Temperature: -20 to 50°C (-4 to 122°F)
Storage Temperature: -20 to 80°C (-4 to 176°F)
Protection Type: NEMA 1 (IP 20)

Dimensions: mm (inch)
Wiring Example
e.g. signal device
92 x 92/120 x 120 (3.62 x 3.62/4.72 x 4.72)
80 x 80 (3.15 x 3.15)

Air-flow monitor integrated in protective grill

FSW801B shown larger than actual size.

To Order

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
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<tbody>
<tr>
<td>FSW801B</td>
<td>Air-flow switch, NC with mounting clip and clamp</td>
<td>6 g (0.2 oz)</td>
</tr>
<tr>
<td>FSW802B</td>
<td>Air-flow monitor, NO with mounting clip and clamp</td>
<td>6 g (0.2 oz)</td>
</tr>
<tr>
<td>FSW803B</td>
<td>Air-flow monitor, NC with 80 x 80 mm (3.15&quot;) finger guard</td>
<td>20 g (0.7 oz)</td>
</tr>
<tr>
<td>FSW804B</td>
<td>Air-flow monitor, NO with 80 x 80 mm (3.15&quot;) finger guard</td>
<td>20 g (0.7 oz)</td>
</tr>
<tr>
<td>FSW807B</td>
<td>Air-flow monitor, NC with 120 x 120 mm (4.72&quot;) finger guard</td>
<td>31 g (1.1 oz)</td>
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<tr>
<td>FSW808B</td>
<td>Air-flow monitor, NO with 120 x 120 mm (4.72&quot;) finger guard</td>
<td>31 g (1.1 oz)</td>
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</tbody>
</table>

Comes complete with operator’s manual.
Ordering Example: FSW803B, air-flow monitor, NC with 80 x 80 mm finger guard.