COMPACT FAN AND FILTER FAN AIR FLOW MONITOR



B



FSW801B shown larger than actual size.

Small Size

- Economical
- Easily Installs
 Via Clip or Clamp
 Versatile Fields

Switch Contact

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 m (1214')

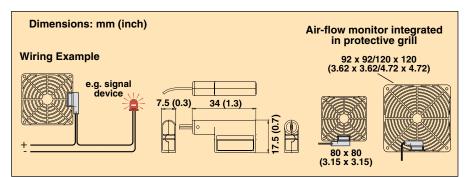
Service Life: >100,000 cycles Maximum Switching Capacity: 10 W (resistive load)

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:** $34 \times 17.5 \times 7.5$ 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)



To Order		
Model No.	Description	Weight
FSW801B	Air-flow switch, NC with mounting clip and clamp	6 g (0.2 oz)
FSW802B	Air-flow monitor, NO with mounting clip and clamp	6 g (0.2 oz)
FSW803B	Air-flow monitor, NC with 80 x 80 mm (3.15") finger guard	20 g (0.7 oz)
FSW804B	Air-flow monitor, NO with 80 x 80 mm (3.15") finger guard	20 g (0.7 oz)
FSW807B	Air-flow monitor, NC with 120 x 120 mm (4.72") finger guard	31 g (1.1 oz)
FSW808B	Air-flow monitor, NO with 120 x 120 mm (4.72") finger guard	31 g (1.1 oz)

Comes complete with operator's manual.

Ordering Example: FSW803B, air-flow monitor, NC with 80 x 80 mm finger guard.