

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**

FSW801B shown larger than actual size.

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")

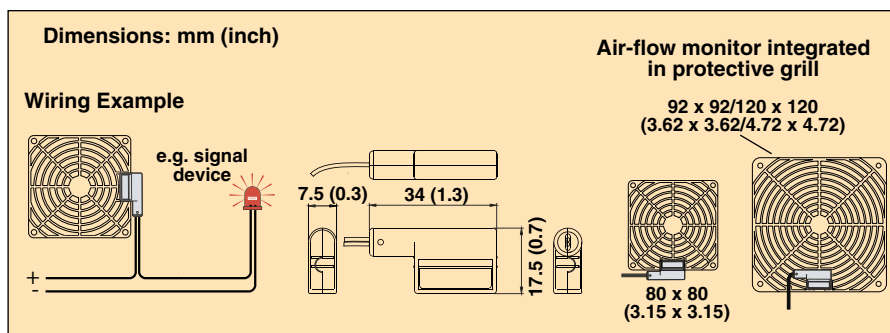
Mounting Position: Air-flow monitor opening perpendicular to air flow

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)

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

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.