

COMPACT FAN AND FILTER FAN AIR FLOW MONITOR



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FSW800 Series



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

FSW801 shown larger than actual size.

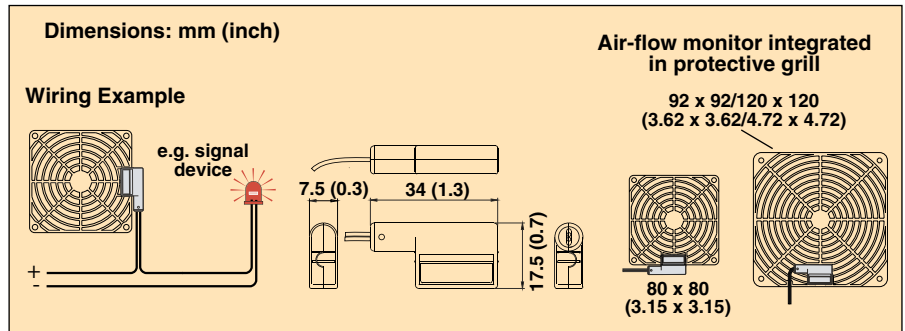
The FSW800 Series air-flow monitor provides a simple but reliable alternative to indicate positive or negative air flow of fans. When properly installed and connected in series with an optical (i.e. LED) or audible signaling device, a bi-directional switch will activate an electrical contact if the air flow of the fan falls below 8.2 ft/s, thus either turning the signaling device on or off.

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)
Agency Approvals: UL and VDE

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, UL 94HB, black
Dimensions: 34 x 17.5 x 7.5 mm (1.3 x 0.7 x 0.3")



To Order

Model No.	Description	Weight
FSW801	Air-flow switch, NC with mounting clip and clamp	6 g (0.2 oz)
FSW802	Air-flow monitor, NO with mounting clip and clamp	6 g (0.2 oz)
FSW803	Air-flow monitor, NC with 80 x 80 mm (3.15") finger guard	20 g (0.7 oz)
FSW804	Air-flow monitor, NO with 80 x 80 mm (3.15") finger guard	20 g (0.7 oz)
FSW805	Air-flow monitor, NC with 92 x 92 mm (3.62") finger guard	20 g (0.7 oz)
FSW806	Air-flow monitor, NO with 92 x 92 mm (3.62") finger guard	20 g (0.7 oz)
FSW807	Air-flow monitor, NC with 120 x 120 mm (4.72") finger guard	31 g (1.1 oz)
FSW808	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: FSW803, air-flow monitor, NC with 80 x 80 mm finger guard.

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