

# COMPACT FAN AND FILTER FAN AIR FLOW MONITOR



B



**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.

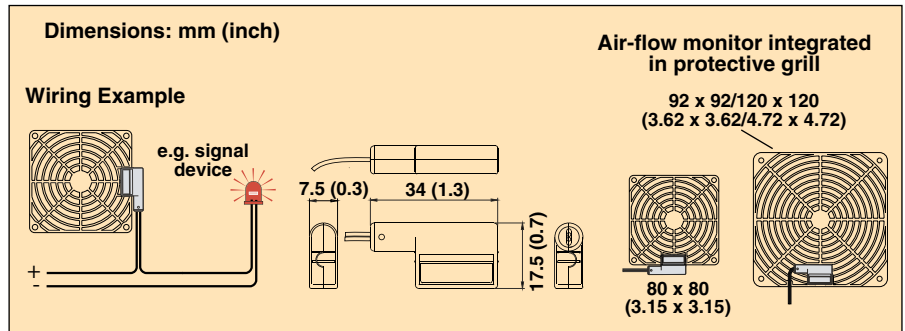
The FSW800 Series air-flow monitor provides a simple but reliable alternative to indicate positive or negative air flow of fans. When properly installed and connected in series with an optical (i.e. LED) or audible signaling device, a bi-directional switch will activate an electrical contact if the air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