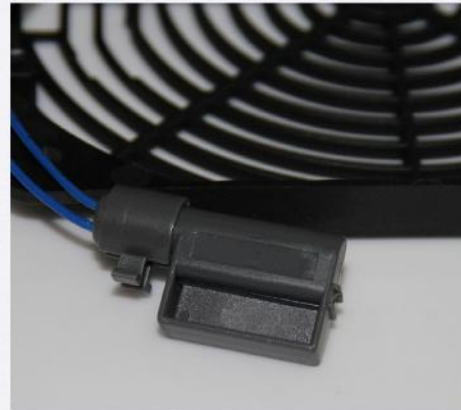


FAN AND FILTER FAN AIR FLOW MONITOR



AFM Series

Reliable Mechanical
Switch Contact
Small Size
Economical
Installs
Via Clip or Clamp



The air-flow monitor provides a simple 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, turning the signaling device on or off.

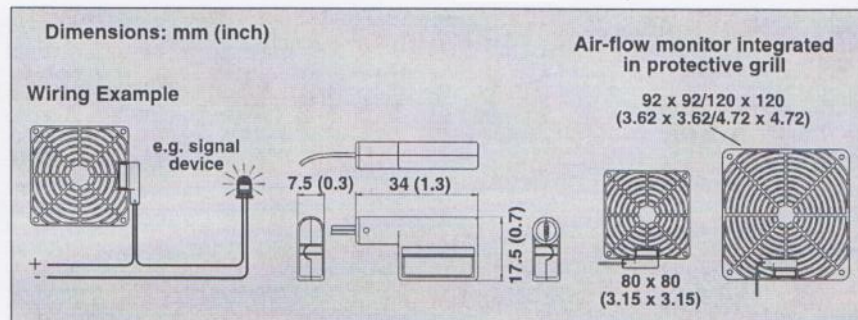
SPECIFICATIONS

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, UL 94HB, 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)
Agency Approvals: CE

RoHS



Model No.	Description	Weight
AFM-01NC	Air-flow switch, NC with mounting clip and clamp	6 g (0.2 oz)
AFM-01NO	Air-flow monitor, NO with mounting clip and clamp	6 g (0.2 oz)
AFM-80NC	Air-flow monitor, NC with 80 x 80 mm (3.15") finger guard	20 g (0.7 oz)
AFM-80NO	Air-flow monitor, NO with 80 x 80 mm (3.15") finger guard	20 g (0.7 oz)
AFM-92NC	Air-flow monitor, NC with 92 x 92 mm (3.62") finger guard	20 g (0.7 oz)
AFM-92NO	Air-flow monitor, NO with 92 x 92 mm (3.62") finger guard	20 g (0.7 oz)
AFM-120NC	Air-flow monitor, NC with 120 x 120 mm (4.72") finger guard	31 g (1.1 oz)
AFM-120NO	Air-flow monitor, NO with 120 x 120 mm (4.72") finger guard	31 g (1.1 oz)