

## S P E C I F I C A T I O N S

1. NAME : Sound Flow Sensor
2. MODEL : A F 1 0
3. MEASURING OBJECT : Powder
4. OPERATING CHARACTERISTICS
  - (1) On indication : Turning on a red LED
  - (2) Sensitivity adjustment : Adjusting by OFFSET and GAIN trimmers
  - (3) Output function : DETECT switch  
ON DELAY adjusting trimmer  
(approx. 0.1 to 7 sec.)  
OFF DELAY adjusting trimmer  
(approx. 0.1 to 7 sec.)
5. ELECTRICAL CHARACTERISTICS
  - (1) Power supply : 24 ~ 264V DC, AC (50/60Hz)
  - (2) Output : Relay contact
  - (3) Contact rating : 240 V 2 A AC, 30 V 2 A DC (Resistive load)
  - (4) Withstand voltage : 1500 V AC 1 Min.  
(Between LINE terminals and OUTPUT terminals)
  - (5) Insulation resistance : 500 V DC more than 100 MΩ  
(Between LINE terminals and OUTPUT terminals)
  - (6) Power consumption : Approx. 2.5 VA (at 100 V AC)
6. MECHANICAL CHARACTERISTICS
  - (1) Vibration proof : 100 m/s<sup>2</sup> (60 ~ 2000 Hz)
7. ENVIRONMENT
  - (1) Working temperature : -10 to 70 °C (14° F to 158° F) without dewing
  - (2) Working humidity : Max. 85 % RH
8. CONSTRUCTION : drip-proof construction (IP54)
9. OTHERS
  - (1) Material : ABS, PC
  - (2) Installation : Attaching band or Metal fixtures (option)
  - (3) Cable inlet : G 1/2 (Cable grand method)  
Gasket I.D. φ10 and φ8
  - (4) Mass : Approx. 260 g