

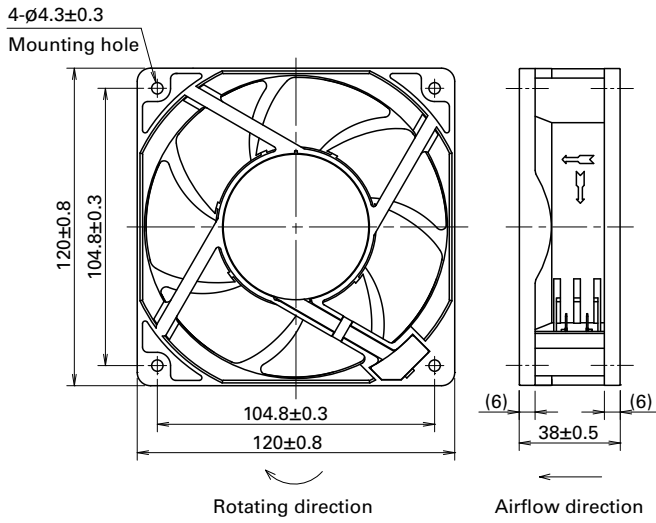


120×120×38 mm

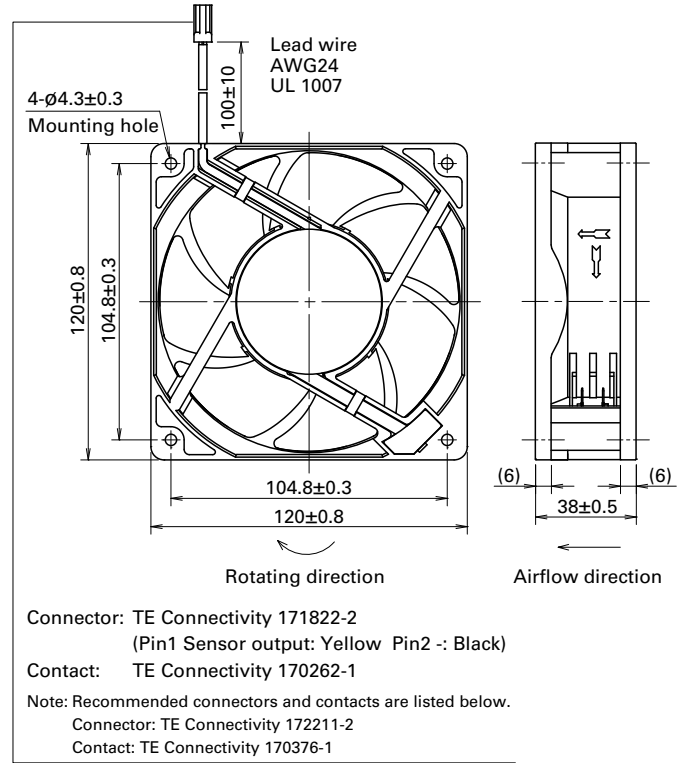
San Ace 120AD 9AD type                      

Dimensions (unit: mm) (With ribs)

without Sensor

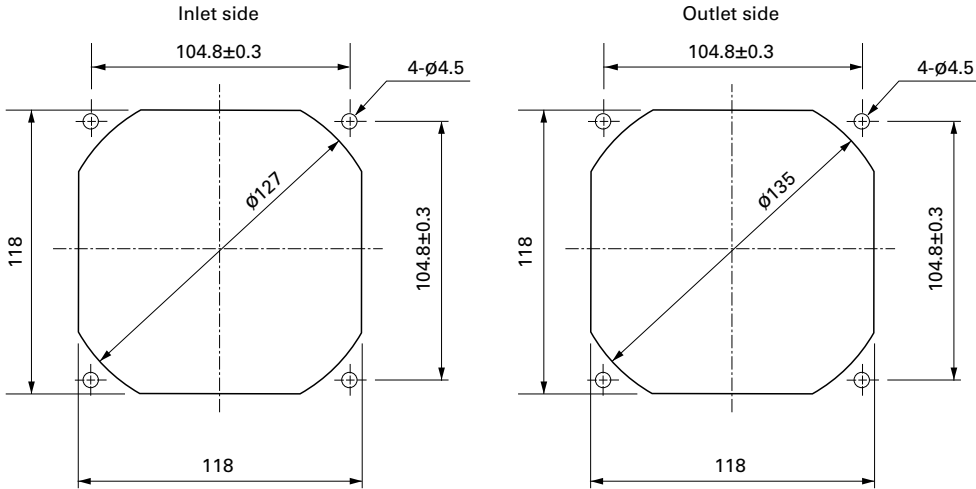


with Low-speed sensor



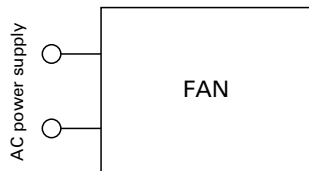
Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)

ACDC Fan 120 mm sq.

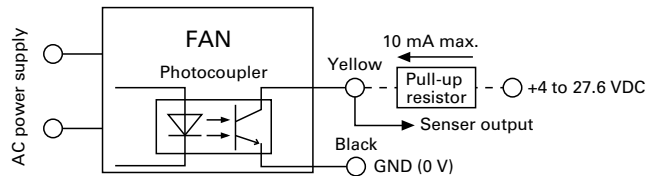


Wiring Diagram

without Sensor



with Low-speed sensor



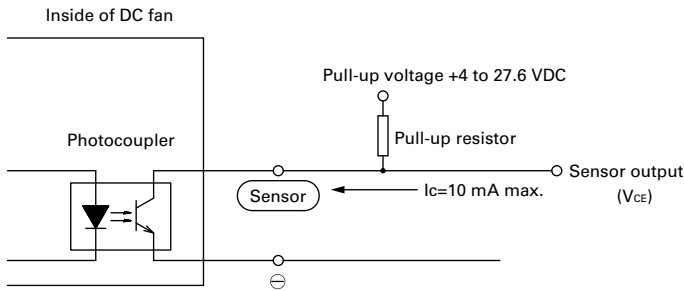
Specifications for Low-speed Sensors

Model No.: 9AD1201H1H

Output circuit: Open collector

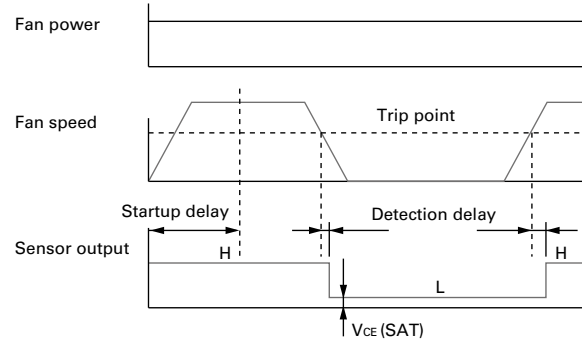
$V_{CE} = +27.6$ VDC max.

$I_C = 10$ mA max. [$V_{CE(SAT)} = 1.0$ V max.]

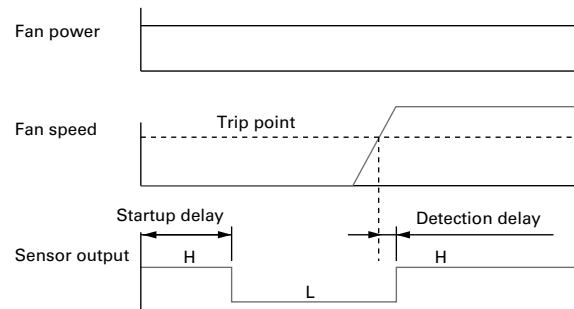


Sensor scheme

Example 1: when steady running



Example 2: when the rotor is locked when the fan motor is turned on and released after the start-up delay time.



Startup delay: 18 ± 3 s
Detection delay: 3 s max.
Trip point: 1700 min^{-1}

Options

Finger guards

page: p. 585

Model no.: 109-019C, 109-019H, 109-019E, 109-019K

Resin filter kits

page: p. 592

Model no.: 109-1000F13 (13PPI), 109-1000F20 (20PPI),
109-1000F30 (30PPI), 109-1000F40 (40PPI)

Resin finger guards

page: p. 591

Model no.: 109-1000G

Plug cord

page: p. 595

Model no.: 489-1635-L10, 489-1635-L21

Wiring harness for sensor

page: p. 595

Model no.: 489-1636

Features of the San Ace 120AD 9AD type ACDC Fan

Low power consumption

Long life

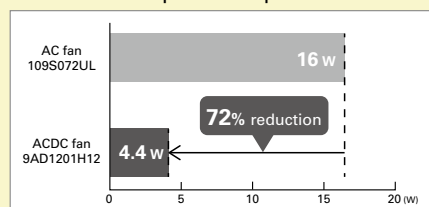
Wide voltage range

(Compared with our existing AC fan with equal size.)

With AC input, the same level of energy saving and long life as a DC fan can be achieved.

The maintenance effort can be reduced too.

Power consumption comparison



Expected life comparison

