



Photoelectric Smoke Detector

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The infrared light beam for transmitter intersect the smoke particles will cause the light spread to all directions. When receiver has sensed the light, it will send signal to control panel for fire alarm status as soon as the density of smoke reaches pre-determined alarm level.

Transmitter project beam signal every 7 seconds to check any smoke caused by real fire. When smoke density reaches the preset standard, receiver will confirm the signal. Control Panel will then receive the fire signal after confirmation is made.

In normal situation the Smoke detector will flashes Green LED light every 7 second while in case of fire the LED will stay a constant Red. Insect guard is made of radius 0.5 mm stainless steel to prevent the invasion of insects, decreasing risk of fault alarm. Besides stainless steel has great discharge effect on electrostatics.

Approvals :



Specification

Model

Operating Sensitivity

Operating Current

Monitoring Current

Ambient Temperature

Relative Humidity

Material

Dimensions

Weight

Color

PS3-20-3

Comply to UL268, EN54, CNS

DC 24V under 30 μ A

under 30 μ A

-10 $^{\circ}$ C ~ 55 $^{\circ}$ C

10% ~ 95%

Fire - proof plastic

110 mm (Dia.) x 50 mm (H)

170 g

White

Effective Alert Area

Building Height

Area Covered

Under 4 M

4 M - 20 M

150 M²

75 M²

MODEL : PS3-20-3