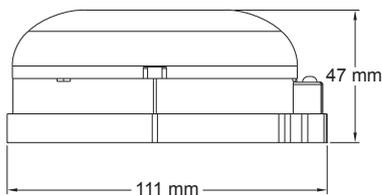# AH-0014

Flame Detector

Description

The detector has wide-angle sensitivity that can reliably and quickly detect weak ultraviolet radiations emitted by flame.

It will not react to room illuminations, infrared or other light sources unrelated to real fire.

Applications

• Premises with higher ceilings: theater, gym, storage, gallery or warehouse, etc.

• Places where fires happen easily: places storing with combustible goods, gas stations, factory working places, machine rooms, etc.

• Ventilate places: open markets, station platforms, hotel lobbies, department stores, etc. (places that smoke and heat can not gather during early period of fire)

• Others: tunnels, computer rooms, etc.

Installation Instructions

1. Install at obstruction-free places.

2. Avoid installing near mercury lamps, halogen lamps and sterilization lamps.

3. Avoid installing within sensitive range of welding sparks and radiation.

47 mm

111 mm

CE

Specifications

Model	AH-0014		
Type	2-wire	3-wire	4-wire
Alarm Contact	N/A	N/A	0.8A @30V DC 0.4A @125V AC
Voltage Range	12 ~ 30V DC		
Alarm Current @24V DC 470Ω	40mA	40mA	35mA
Standby Current @24V DC 470Ω	under 100μA		
Sensor Type	Ultraviolet		
Sensitivity Angle	120°		
Sensitivity Range	It can detect flame of 15mm at distance of 3m		
Ambient Temperature	-10°C ~ +55°C		
Material	Fire-proof plastic		
Dimensions	111mm(Dia.) x 47mm(H)		
Weight	About 170g		
Color	White		

HORING LIH INDUSTRIAL CO., LTD.