Smoke Detector

ASD-55

GASDNA

Product Outline

ASD−55 is a smoke sensor with AI algorithm..

Previous smoke sensors sometimes malfunction in dust and mist moisture..

However, ASD-55 is the world's first dual optical sensor to dramatically improve sensor performance.

Pruduct Characteristics

- Low Concentrated Smoke Detection

  Designed to assist the safety features of industrial automation equipment, it is suitable for a whit of smoke detection.

- Digital Process

  Various artificial intelligence are provided by processors to optimally configure detection and alarm functions and to maximize detection effects.
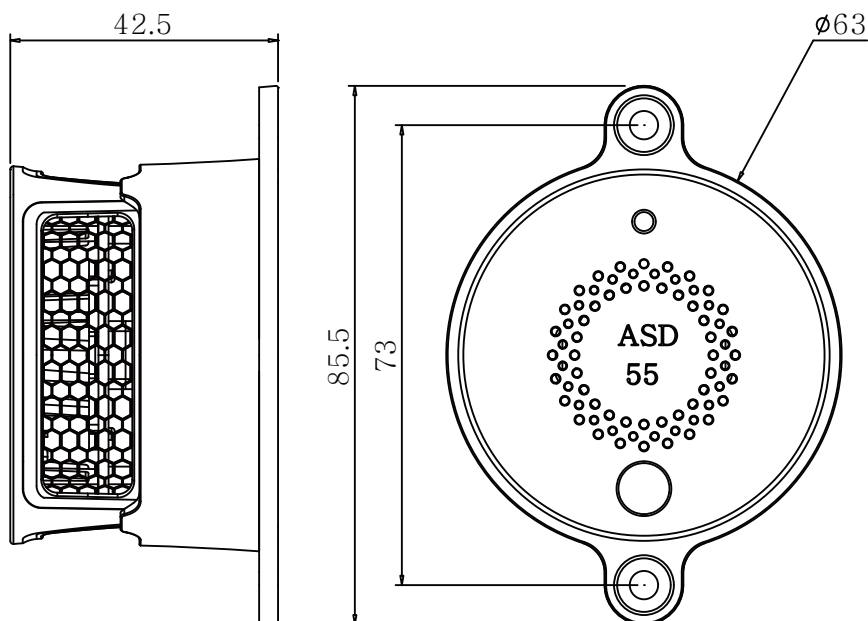
- Dual Optical Smoke Sensor

  If the surrounding air contains a constant concentration of smoke, optical smoke sensors that utilize changes in the photoelectricity encountered by the smoke are very sensitive and can detect even low concentrations of smoke quickly. It also has built-in capabilities to avoid ambient noise and malfunction alarms.

Product Specification

구　분	ASD−55
Detection Priciple	Dual Optical Smoke Sensor
Detection Method	Non Verification Type
Response Time	within 3 sec
Output	Relay A(DC30V 1A), Relay B, RS485 MODBUS
Input	DC 22～26V
Currency Consumption	24V 60mA(MAX)
Housing	ABS
Operation temp . and moisture	−35～80℃, 0～95% RH (Non−Condensing)
Process	AI Algorithm

SENSOR UNIT

Wiring

NO	라벨	선 색깔	용도
1	P24	RED	POWER(+24V)
2	N24	BLACK	POWER(0V)
3	FG	GREEN	EARTH
4	TX+	WHITE	RS485 TX+
5	TX−	BLUE	RS485 TX−
6	NC	ORANGE	RELAY NC
7	COM	BROWN	RELAY COM
8	NO	YELLOW	RELAY NO