

Conventional Optical Duct smoke Detector

Model-AA101HD

Features:

- Corrosion protection
- Real time smoke info
- Contamination alarm
- Insect-resistant screening
- Easy to maintain/service
- Electrical supervision
- Transient voltage protection upto 2.4KV
- Dual bicolour LED indication for 360° viewing angle



Airlight Addressable Duct smokeDetector:

1. This Conventional Duct Smoke Detector houses smoke sensor for monitoring the level of smoke in its surveillance. It switches to alarm state, when the level of smoke in the airstream of duct work sections of the HVAC air handling system.

Compliedwith:

UL521-7thEdition

EN54-Part5
IS 2175

www.airlight.in

DATASHEET



Mechanical specifications

Dimensions(LxBxD)	155x150x150mm
Sampling Tube	205mm
Exhausted Tube	220mm

General specifications

Smoke sensitivity	0.5 – 3.5 %obs/foot
Operating temperature	0°C to 49°C
Storage temperature	5°C to 40°C
Humidity	0-95% RH(Non-condensing)
Color	White
Compatibility	AU101X Protocol
Detector Contact Clamp	Stainless steel
Housing Material	16 Gauge Cold Rolled sheet

Electrical specifications

Operating voltage	Nominal 12/24V DC Minimum 9V DC Maximum 26V DC
Quiescent current	50µA
Alarm current	25 mA at 24V 12 mA at 12V

www.airlight.in