easy detect
Fire Security Products

Addressable System

DOE-120-AIB

Optically isolated addressable black detector

Description

The DOE-120-AIB black isolator optical detector has been designed based on the latest technological advances market. Its European design makes the 100 range an ideal choice for those installations where the balance between Functionality and aesthetics are necessary. It uses a communication protocol with great stability based on frequency analysis. Ultrafast, thanks to its Ed-Fast Search technology, performs one of the fastest readings on the market, providing all the information in a short space of time.

The 100 series optical detectors are based on the principle of light dispersion (Tyndall). They have an intelligent algorithm that learns under the installed conditions and adapts its reading to avoid false alarms. With its dual camera in suspension, we prevent insects and unwanted particles from entering the analysis chamber and thus reduce the impact of unwanted alarms.

Addressing of this range can be done:

- Using PGE-100 manual programming tool   - By app via Bluetooth
- By serial number of the devices   - Through self-programming

Applications

Thanks to its advanced suspension analysis technology, the Easy Detect 100 series optical detector range is defined as a reliable fire detection for slow-burning fires. This type of detector is suitable for a wide spectrum of fire outbreaks (offices / factories / parking lots / warehouses / clean rooms / boiler rooms).

Features

- Made in Spain   - Remote pilot output
- Intelligent decision algorithm   - Ultrafast Protocol

Technical Features

DETECTOR		
Loop Features	Working voltage:	From 22 to 38VDC
	Consumption in rest:	< 300 µA
	Consumption in alarm:	< 11 mA

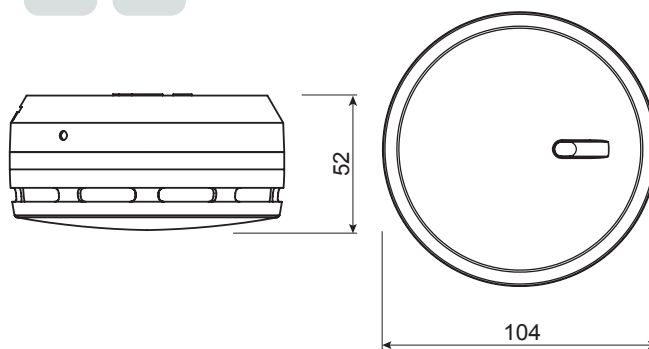| CONNECTION	2 x 1,5 mm² braided and shielded connection to ZCE-100 base

ENVIRONMENT		
	Working temperature:	From -10ºC to 70ºC
	Relative humidity:	95% without condensation.
	IP Index:	IP40

PHYSICAL FEATURES		
	Head (height x diameter):	52 x 104 mm
	Material:	Black ABS

CERTIFICATION

EN 54-7   EN 54-17

Dimensions

52

104