



## DOE-130-AIB

Addressable black detector isolated

### Description

The DOE-130-AIB black isolator thermal optical detector has been designed based on the latest technological advances of the market. Its European design makes the 100 range an ideal option for those installations where the balance between the 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 optical-thermal detectors of the 100 series are based on the principle of light scattering (Tyndall) and on the control of the temperature increase by means of a low thermal mass thermistor. Temperature 58°C. Its advanced technology and its algorithm Intelligent decision-making provides this range with the possibility of working in multiple ways, (and/or) with the possibility of operating with dual technology, optical or thermal at certain times of the day. Smoke detection, temperature detection and the sum of the two technologies. With this decision-making capacity we can filter out unwanted alarms.

Addressing of this range can be done:

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

### Applications

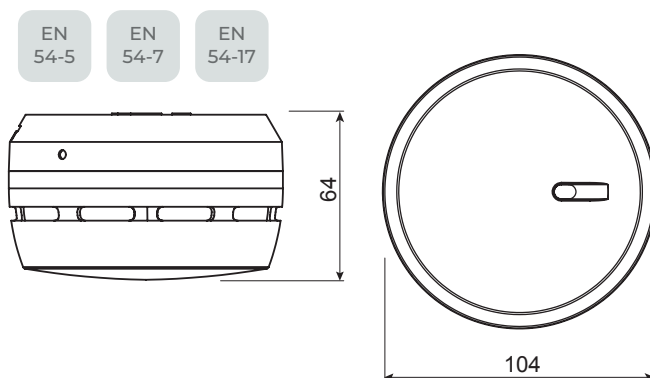
This type of detector is suitable for a wide spectrum of fire outbreaks. (offices / factories / parking / warehouses / Boiler Rooms.

### Features

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

### Technical Features

<b>DETECTOR</b>	Working voltage:	From 22 to 38 VDC
Loop Features	Consumption in rest:	< 300 µA
	Consumption in alarm:	< 11 mA
<b>CONNECTION</b>	2 x 1,5 mm <sup>2</sup> braided and shielded connection to ZCE-100 base	
<b>ENVIRONMENT</b>	Working temperature:	From -10°C to 70°C
	Relative humidity:	95% without condensation.
	IP Index:	IP40
<b>PHYSICAL FEATURES</b>	Head (height x diameter):	64 x 104 mm
	Material:	Black ABS
<b>CERTIFICATION</b>	<div> <div>EN 54-5</div> <div>EN 54-7</div> <div>EN 54-17</div> </div>	



### Dimensions