



## DOE-130

Optical-thermal detector

### Description

The DOE-130 multi-criteria optical-thermal detector has been designed based on the latest technological advances on the market. Its European design makes the 100 range an ideal choice for those installations where the balance between functionality and aesthetics is necessary.

- 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 low thermal mass thermistor. Temperature 58°C.
- With its double chamber analysis, we prevent insects and unwanted particles from entering the analysis chamber. Thus, the impact of unwanted alarms.

### Applications

This type of detector is suitable for a wide spectrum of fire occurrence (offices / factories / parking / warehouses / clean room / boiler rooms).

### Features

- Made in Spain
- Parallel indicator output
- No polarity

### Technical Features

<b>DETECTOR</b>	Working voltage:	From 17 to 25 VDC
Characteristics of the area	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):	60 x 104 mm
	Material:	ABS
<b>CERTIFICATION</b>		
<div>EN 54-5</div> <div>EN 54-7</div>		

### Dimensions

