

## General description

Optical smoke sensors are used for fire detection in areas where smoke is not usual, such as corridors, rooms, etc.

They detect a fire by the presence of smoke in the room where they are located.

They are also installed when it is not possible to install thermovelocimetric detectors, because in these areas even if there is smoke, there is not possible to wait till the temperature reaches the critical value of the thermovelocimetric detector.

This detector is designed to be connected to a KCTR.

## Capacity

It has 2 programmable scenes (with KCTR) for each one of the detection status. It is possible to program up to 30 BUS events for activation and also 30 BUS events for the deactivation.

## Technical information

**Supply** – 12Vd.c. (KCTR)

**Consumption** – 120uA in stand-by and 20mA activated.

**Mounting** – On the surface of the ceiling.

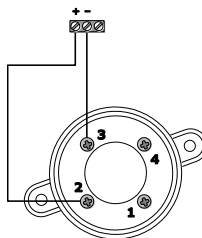
**Size**– 60 x 85 x 58 mm

**Environment temperature range** - Operation: from -10°C to 55°C / Storage: from -30°C to 60°C / Transportation: from -30°C to 60°C.

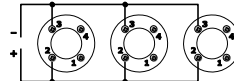
**Regulation** - According to the directives of electromagnetic compatibility and low voltage •EN 50090-2-2 / UNE-EN 61000-6-3:2007/ UNE-EN 61000-6-1:2007 / UNE-EN 61010-1.

## Installation

**Connection to KCTR**  
ES: Gas/Fire Sensors  
Max. distance: 30m



**Connection of additional DH sensors**  
Up to 3 sensors can be connected directly to the KCTR input.



## Remarks

-Feed low voltage lines (BUS and inputs) in separate ducting to that of power (230V) and outputs.

-Use shielded 2 wires x 0,5 mm<sup>2</sup> + 2 wires x 0,22 mm<sup>2</sup> or 4 wires x 0,22 mm<sup>2</sup> for the BUS.

-Follow a colour code for the BUS. Our ref: Red +12V, Yellow (data): A, Green (data): B, Black: Ref.

## QR-Code

