

# FLAME DETECTOR

## AE90-FAVS

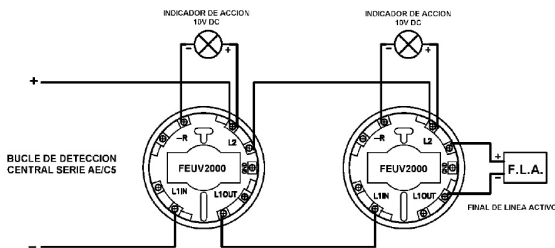
### Description

Detector indicated for the detection of flame in those places where initial fire can occur instead of smoke.

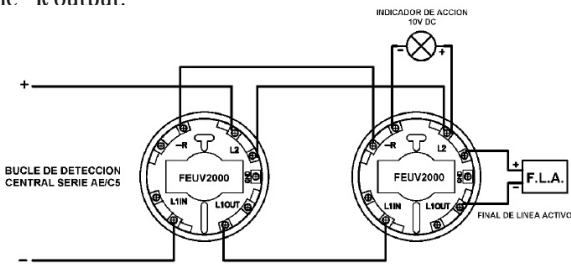


### Central connection C5 series:

The C5 series Control Panels are prepared to directly connect the Fyreye FEUV2000 detectors. The active end of line must be connected to the last detector.



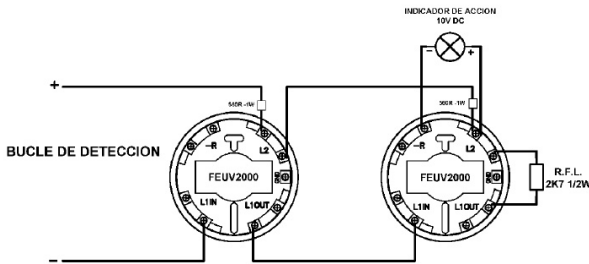
If you want to connect the action indicator to the detectors, they must be 10 12V DC. It is possible to connect a single indicator for several detectors, unifying the -R output.



Remarks: The simultaneous activation of 2 or more detectors, may exceed the maximum current limit allowed in the detection loop (120 mA), causing the power to be disconnected, and the activated detector indicators to turn off. Due to the consumption of each detector, no more than 2 detectors can be placed for each detection zone.

### Conventional central connection

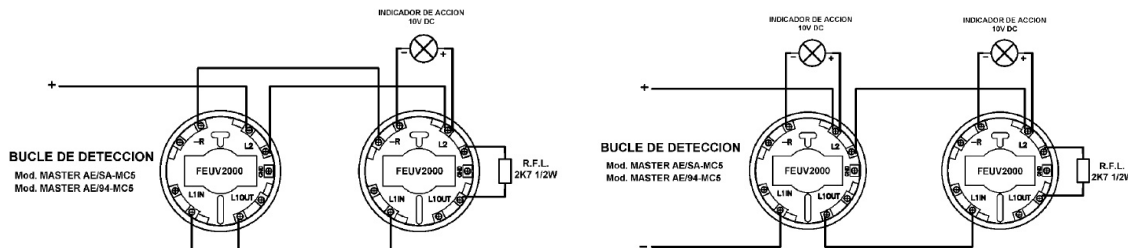
The connection of the flame detectors in a detection loop must be carried out according to the following scheme:



Due to the consumption of each detector, no more than 2 detectors can be placed for each detection zone.

### Connection master modules

The integration of flame detectors in intelligent systems will be carried out through the use of master modules for the C5 series: AE / SA-MC5 and AE / 94-MC5. according to the following diagrams:



Due to the consumption of each detector, no more than 2 detectors can be placed for each detection zone.

### TECHNICAL CHARACTERISTICS

|                        |                                     |
|------------------------|-------------------------------------|
| Operating temperature: | 0° C to 45°C                        |
| Consumption:           | 320 µA (standby), 45-50 mA (alarm). |
| Power supply:          | 12-28 Vdc.                          |