

## FLOOD DETECTORS AT 12 AND 24V

### AE98/IN

#### Description

Water leak flood detector, composed of two elements:

- Probe or sensor element
- Detector. Comparison and analysis circuit of the signal from the Probe, which determines the alarm state (flood) or standstill. The detector has independent light indicators to present the operating and alarm states, a buzzer for acoustic warning in the event of an alarm, and a reversing relay with voltage-free contacts that switches in alarm.



#### Water detector probe



Consisting of: Printed circuit with terminals for connection to the detector and contacts that detect the presence of water. Mounted in a 40x30x15 mm ABS casing. Up to three can be connected to the same detector.

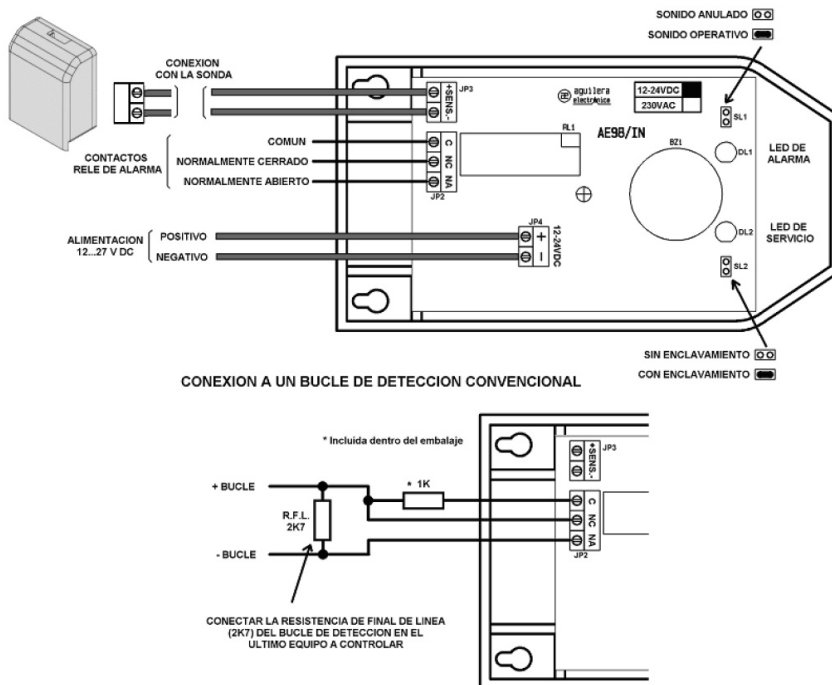
It is installed in a vertical position, with the part of the conductive printed circuit resting on the ground. To determine the alarm status, the water must be in contact with the probe terminals.

It should be located in those places where it is anticipated that a water leak may exist and it wants to be controlled.

On sloping soils, they will be located at the points where water tends to be stored due to fall.

They can be installed hidden, since their function is to send information to the detector element.

#### Wiring Scheme



#### TECHNICAL CHARACTERISTICS

External power supply:	27 - 12 VDC
Maximum consumption:	Standby: 15 mA In alarm: 45 mA.
Maximum connection cable length:	50 meters.
Probe connection cable:	2 wires x 0.75 mm <sup>2</sup>

#### Dimensions:

Detector: Height 130 mm, Width 70 mm, Depth 52 mm

Probe: Height 40mm, Width 33mm, Depth 17mm

Material: ABS