LEAK DETECTOR

The Inpro leak detector is a safety and control system which combines simplicity with efficiency. It detects the presence of liquids through its infrared sensor, activating or deactivating the desired device.

IT IS MADE UP OF:

- Printed circuit.
- Infrared light probe 150 cm-long wire.
- Control panel: Box with operation and alarm LEDS.

IT IS MADE UP OF:

1. Circuit in a 125 x 80 x 45 mm metal box, relay output, 150 cm probe and plug (EU or UK).
2. Circuit mounted in metal control box, for 110 to 230 V power supply, plus 150 cm probe.
3. Probe wire extension for any length.

OPERATION:

In normal condition, only the green LED remains lit.

As soon as the sensor is activated, the alarm is engaged, the red LED is lit and the relay is activated.

If the barrier is interrupted by a liquid, it will be necessary to thoroughly dry the probe up, even letting a few seconds pass for it to go back to its normal condition. The probe is to be dried with absorbent paper.

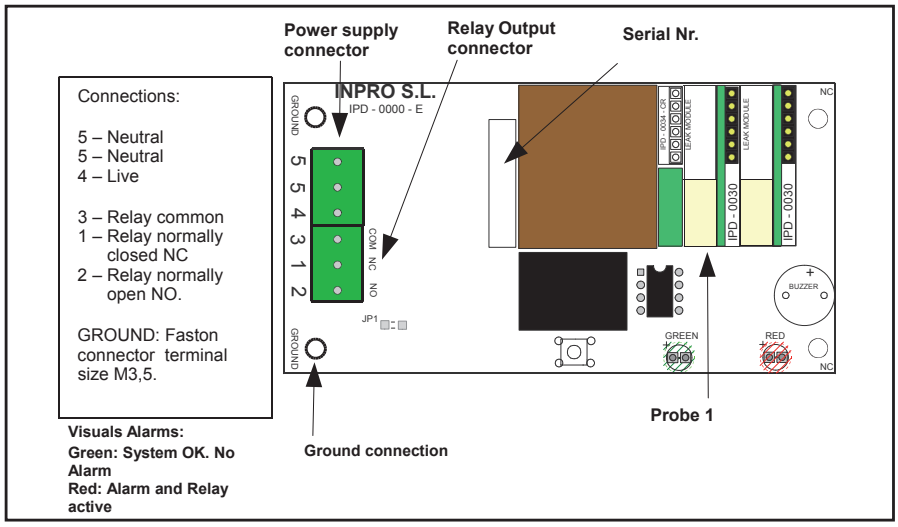
The relay output can activate or deactivate any device; for instance, a siren or a bigger light-giving indicator.

This outlay makes possible to have one device (or several) in normal operation condition, and another device (or several) coming into operation when it is activated (wiring diagram).

INPRO
Research and Development S.L.
Leckanzeiger
Z-65.40-478

TECHNICAL CHARACTERISTICS:

- Input: 110 V to 230 V a.c.
- Maximum demand: 10 mA
- Max amperage at the relay: 8 A
- Voltage - free relay.
- Visual alarm (5 mm red LED)
- Operation indicator (5 mm green LED)



Note. Probes of different length can be installed.

If you wish to do that, feel to contact our commercial department, for these modifications are made upon request.

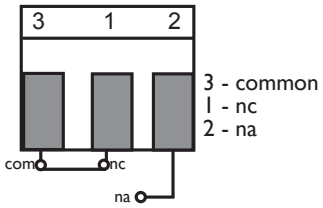
CONNECTION:

1. The 230 V a.c. input is connected to the following connecting lugs in the strip:

Connecting lugs 5: Phase
Connecting lugs 4: Neutral

2. The probe is connected to one of the 4-way Molex connectors which are available in the circuit. It only fits into the socket in one position.

3. The relay output (voltage free) is as follows:



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