

KLD67

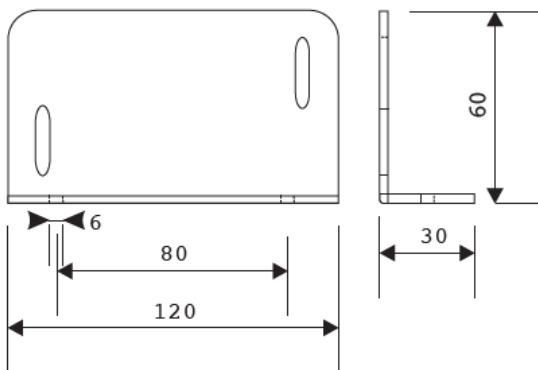
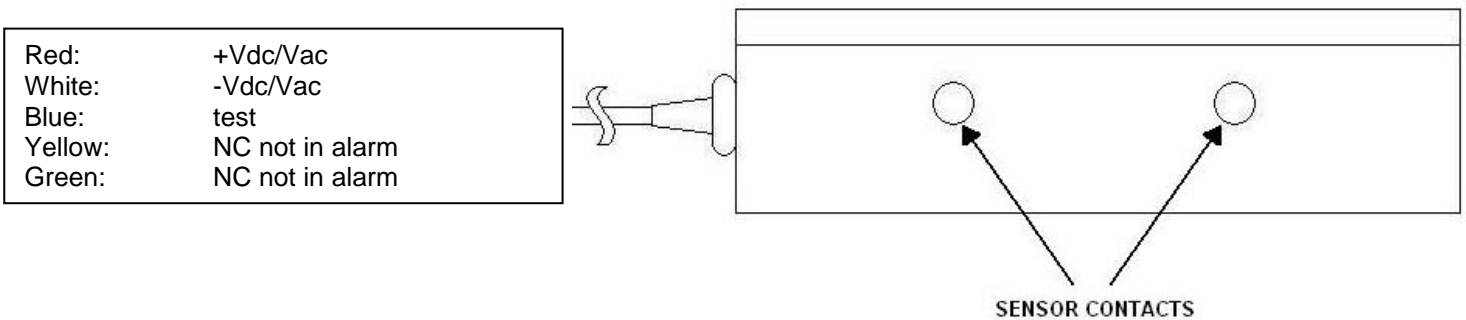
Liquid detector

User guide

GENERAL DESCRIPTION

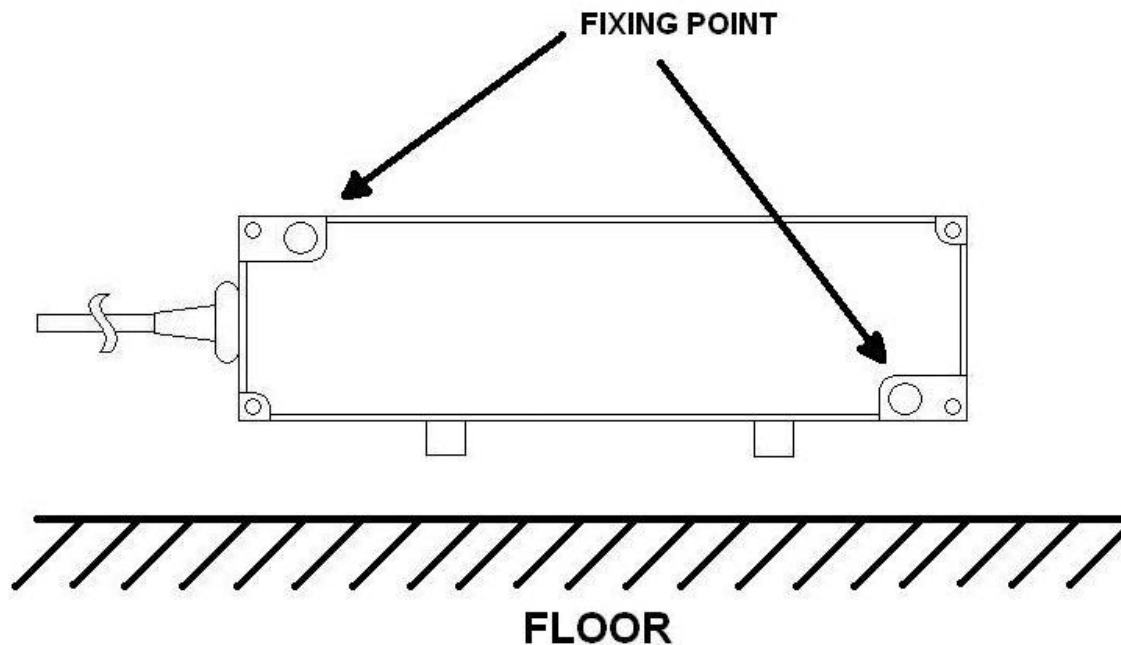
The KLD67 liquid detector is designed to detect water or other conductive liquids. It's possible to protect rooms where the risk of flooding could be dangerous. Detection sensitivity is set $\leq 25K\Omega$, the presence of a resistance in this range produce the activation of a opto-relay that can drive load down to 150mA 60Vdc. The detector can be either placed on the floor or in vertical when fixed at selectable heights. The detector is alarmed (open relay) when water reaches the contacts. The nominal power supply is 12Vdc but a 10,5Vdc-28,5Vdc range or 24Vac is accepted too. A positive signal on the test terminal can simulate an alarm.

CABLE CONNECTION



**OPTIONAL FLOOR FIXING BRACKET
NOT INCLUDED, CODE: KLD65SQ**

To install the detector remove the cover and fix with screws and plugs in the points shown in the figure.



TECHNICAL DATA

| | |
|---|--|
| Dimensions (without cable and contacts) | mm 120 x 37 x 27 |
| Cable length | m 2 |
| Weight | 250 gr |
| Protection | IP67 |
| Functional temperature | -5°C to +50°C |
| Supply | from 10.5Vdc to +28.5Vdc or 24Vac |
| Absorption stand-by | 10mA +/- 10% |
| Absorption in alarm | 7mA +/-10% |
| Sensitivity | ≤25KΩ |
| Sensing contacts | a.c. to eliminate electrolysis 1.5KHz +/- 10% |
| Output | Opto relay NC 150mA 60Vdc |

N.B: Do not use with flammable liquids.



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