

KLD65

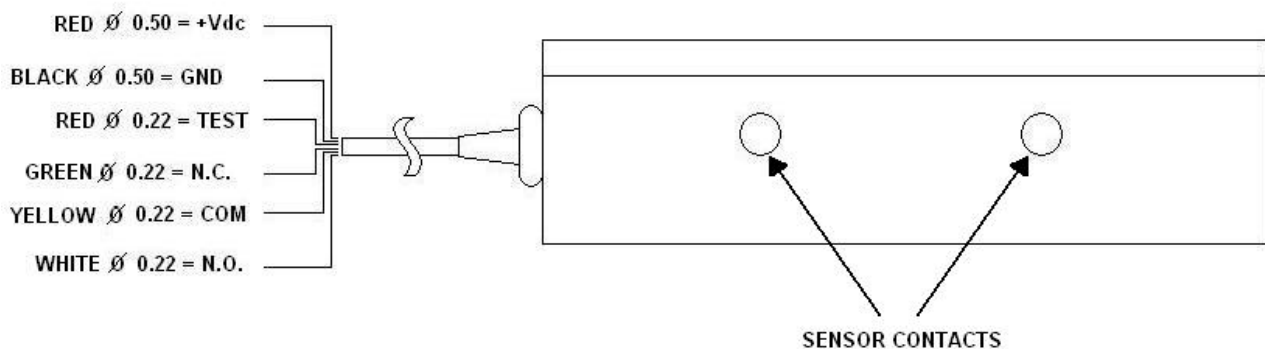
Liquid detector

User guide

GENERAL DESCRIPTION

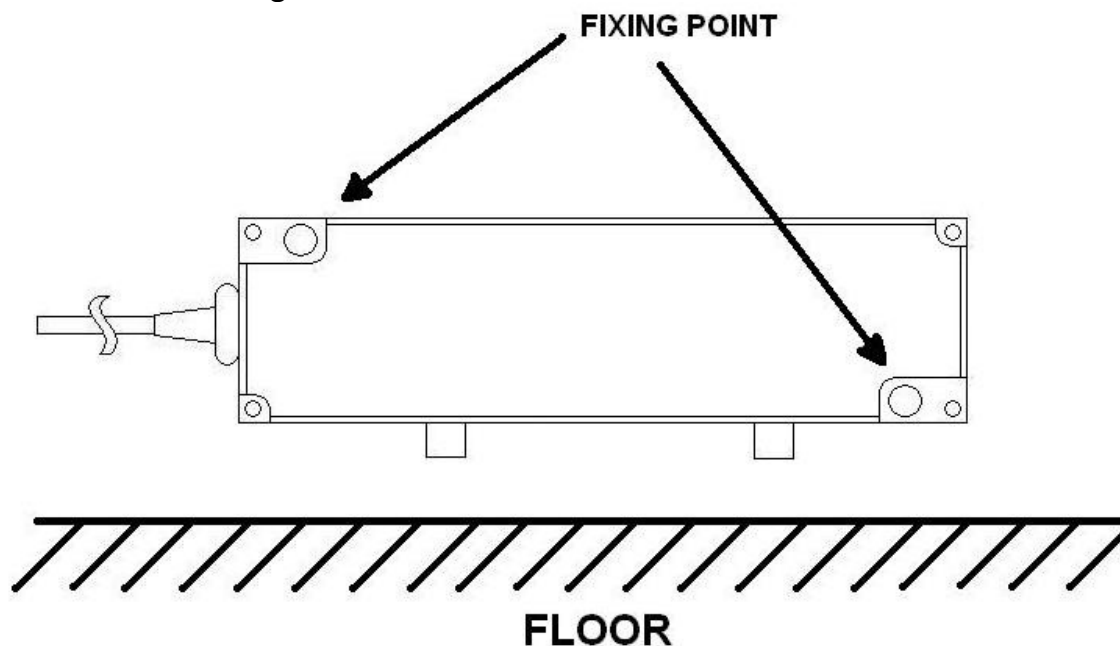
The KLD65 liquid detector is designed to detect water or other conductive liquids. It's possible to protect rooms where the risk of flooding could be dangerous. Detection sensitivity is set $\leq 100\text{K}\Omega$, the presence of a resistance in this range produce the activation of a relay that can drive load down to 1A 30Vdc or 0.3A 110Vdc or 0.5A 125Vac. The detector can be either placed on the floor or in vertical when fixed at selectable heights. The detector is alarmed when water reaches the contacts. The nominal power supply is 13.8Vdc but a max of 27.6Vdc is accepted too for 24Vdc systems. A positive signal on the test terminal can simulate an alarm.

CABLE CONNECTION



INSTALLATION

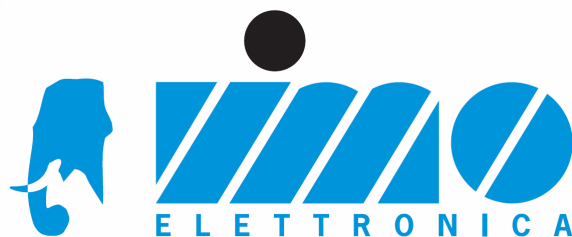
To install the detector remove the cover and fix with screws and plugs in the points shown in the figure.



TECHNICAL DATA

Dimensions (without cable and contacts)	mm 120 x 37 x 27
Cable length	m 2
Weight	260 gr
Protection	IP65
Functional temperature	+5 °C to +50 °C
Supply	+10.5Vdc to +27.6Vdc
Absorption stand-by	9.5mA +/- 10%
Absorption in alarm	40mA +/-10%
Sensitivity	≤100KΩ
Sensing contacts	a.c. to eliminate electrolysis 1.5KHz +/- 10%

N.B: Do not use with flammable liquids.



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