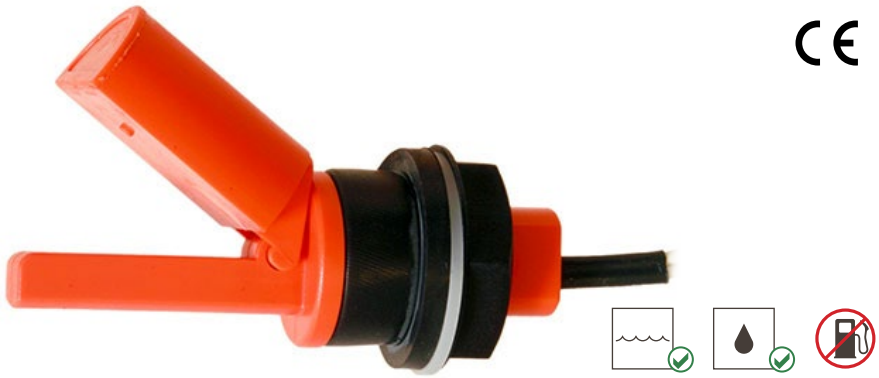
Level Switch for liquids
External side mounting with NBR **compression** gasket through Ø22mm hole

Datasheet
B.03/Jan2017

LF122E-40

Material
POM - Polyacetal
(PA hex nut)



How it works Movement of the magnetic float opens/closes a hermetically sealed contact (reed switch).

Details
- Compact and low cost;
- On/Off SPST output;
- Operation can be normally open or normally closed, by rotating the switch 180°;
- Mounting in thin wall tank or closed tanks;
- Detect level of liquids in pipes and coolant expansion tanks.

Typical applications
- Tank liquid level control;
- Water level monitoring for radiator coolant reservoirs.

Chemical products *require preliminary tests to confirm compatibility.*

Liquid with ferrous particles *should be avoided.*

Not suitable for fuel.

Technical specifications

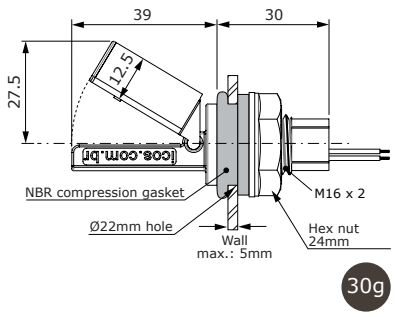
Maximum operating pressure	**2bar**
Operating temperature range	**-10ºC to 100ºC**
Liquid minimum density (SG)	**0.85**
Sealing	**NBR compression gasket**
Output connection	**Wire 2 x 0.5mm² x 40cm**
Enclousure rating	**IP66**
Electrical contact	**Reed Switch 20W/VA**

The sensors work in all voltage and current ranges displayed in the table bellow:

Operating Voltage	Max. Switching Power	Max. Switching Current	Peak Current
110Vac	20VA	0.2A	0.5A @20ms
220Vac	20VA	0.1A	0.5A @20ms
5Vdc	2.5W	0.5A	1A @20ms
12Vdc	5W	0.5A	1A @20ms
24Vdc	10W	0.5A	1A @20ms

24Vac: NOT recommended

Dimensions (mm) and Weight



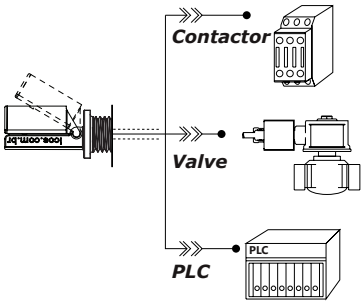
Mounting

NO
Working as
Normally Open

NC
Working as
Normally Closed

Note
Minimum radius in cylindric tank: **50mm.**

180º



Important!
- For cables longer than 20 meters.
- Relay coupler, timing relay, frequency inverter.

A series **resistor** must be installed.
Click and check how to install.

Typical connection to contactor