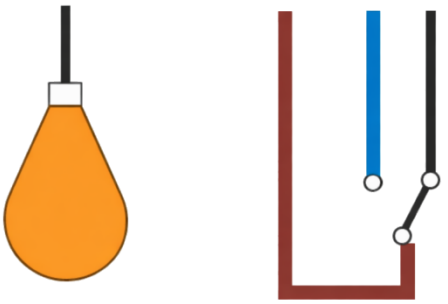
FLO – float probe, used to measure the maximum/minimum level of liquids. It signals the overflow of the tank, or its minimum level. It can be used in any type of liquid-containing tank.

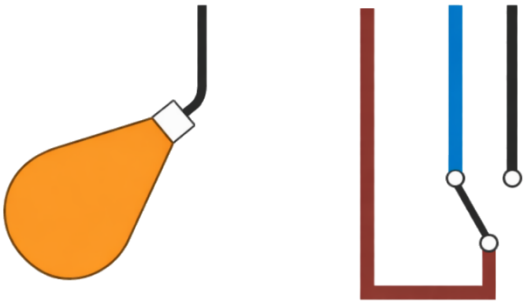
Construction of the device

The FLO probe consists entirely of a float. When the liquid level rises or falls, the weight inside the float moves, changing the signal, which in turn triggers an alarm at the probe's output.

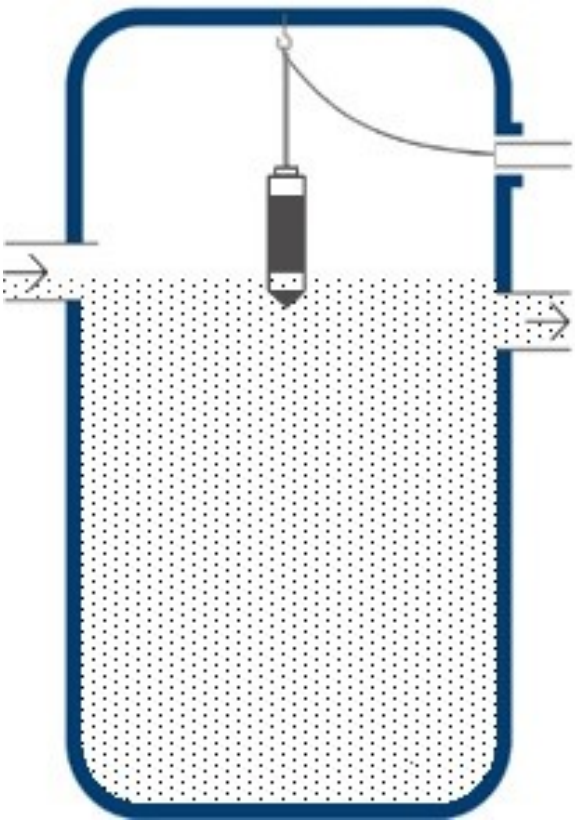


The probe operates in two states:
1. NO/NC - Normal state (NO), alarm state (NC).
2. NC/NO - Normal state (NC), alarm state NO).

To change the operating logic, connect the wires accordingly.



The FLO probe is available in three lengths: 5 m, 10 m, and 15 m.



Installation and commissioning

The liquid level detection point corresponds to the position of the float at which it tilts, causing a change in the signal from the internal sensor.Wskazanym jest napełnienie zbiornika wodą do poziomu przelewu na odpływie.

The NFIX-1 mounting bracket should be attached to the top of the tank.

The probe should be hung at a height corresponding to the alarm level of the liquid surface.

Dane Techniczne

Maximum supply voltage	250V
Maximum mating current	5A
Maximum switching power	750W
Cable	Length 5 m, 10 m, 15 m
Protection	IP 68
Temperature in liquid	-30°C ÷ +60°C
Ambient temperature	-30°C ÷ +60°C
Dimensions	Pear-shaped, fi 80mm, height 114mm
Ground with cable	760 g
Installation method	Vertically
CE Compliance	EMC Directive 2014/30/EC

Safe Use Instructions

The appliance must be used for its intended purpose. Please read the appliance's manual before installing. Its technical condition should be checked. Make sure that there is no mechanical damage to the housing and cable. During maintenance work, the appliance must be disconnected form the power supply.

Inspections and Maintenance

The manufacturer recommends inspecting the entire system once every 6 months or during each emptying of the tank. During the inspection, clean the probe and check for mechanical damage. A function test should then be carried out in conjunction with the control unit operating the sensor.

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