

FLOATER (NO/NC)

– float probe, used to measure the

maximum/minimum level of liquids. It signals the overflow of the tank, or its minimum level. Used in any type of liquid tank. Works with any device on the market that supports NO/NC inputs.

Construction of the device

The FLOATER probe has a float in the lower part. When the liquid level rises/decreases, the float moves and the signal changes, which in turn generates an alarm at the probe output (NO/NC).

The probe operates in two states:

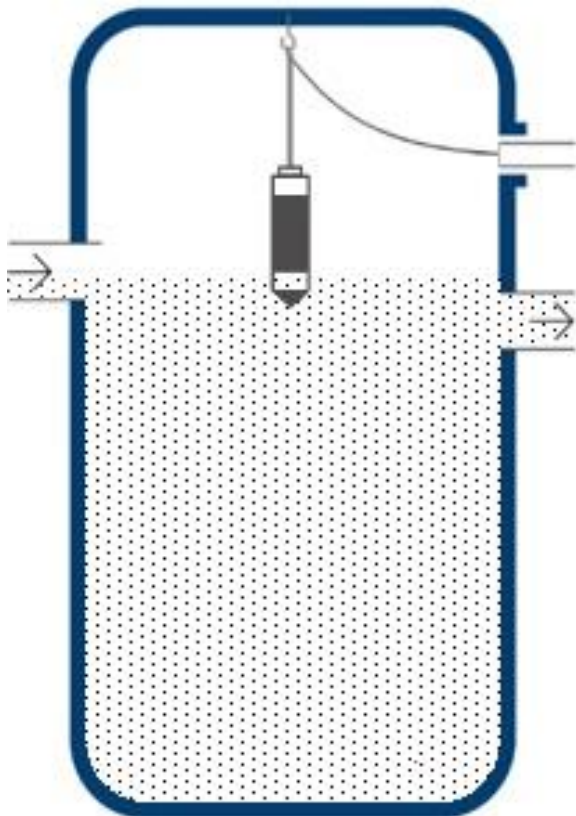
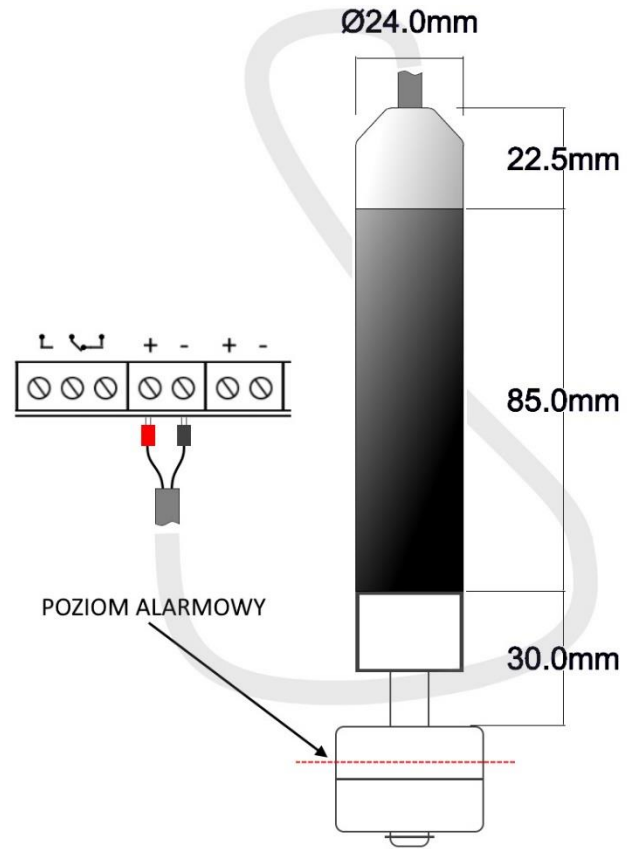
1. NO/NC

Normal state (NO), alarm state (NC).

2. NC/NO

Normal state (NC), alarm state NO).

To change the logic of operation, rotate the float upside down. To do this, remove the float pin and mount it upside down.



Installation and commissioning

The measuring point is located in the lower part of the probe, at a height of several millimeters from the base of the body.

It is advisable to fill the tank with water up to the level of the overflow at the drain.

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.

If extending the probe cable, install the end of the cable in the connection joint connecting the probe to the controller.

Technical data

Maximum supply voltage	20V
Maximum mating current	20mA
Cable	Length 5 m, type: OZ-BL_2x0.75
Protection	IP 68
Temperature in liquid	-30°C ÷ +60°C
Ambient temperature	-30°C ÷ +60°C
Dimensions	Roller, fi 40mm, height 114mm
Ground with cable	440 g
Installation method	Vertically
CE Compliance	EMC Directive 2014/30/EC EMC/Immunity: PN-EN 61000-6-2 EMC/Emission: PN-EN 61000-6-4

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 from the power supply.

Inspections and inspections

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.