

VERTICAL LEVEL SWITCH Type DNV



Manual

Construction

Casing and float polypropylène

Gasket silicone

Nut nylon

Wire PVC noir 0,34 mm² - 500 mm

Thread M8

Tightening torque : 0,6 Nm

Operating rating

Maximum voltage : 250 V AC - 200 V DC

Maximum current : 1 A

Maximum power : 30 W

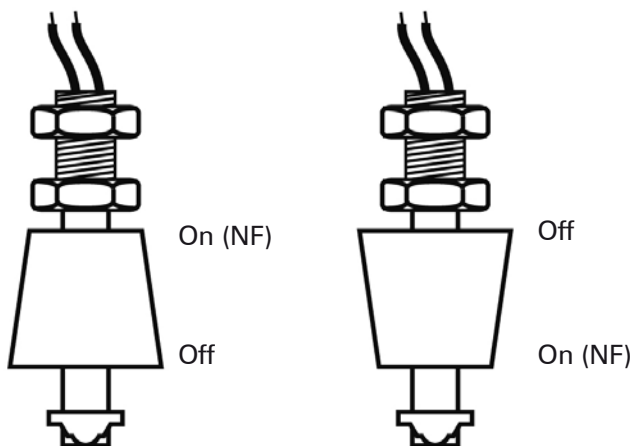
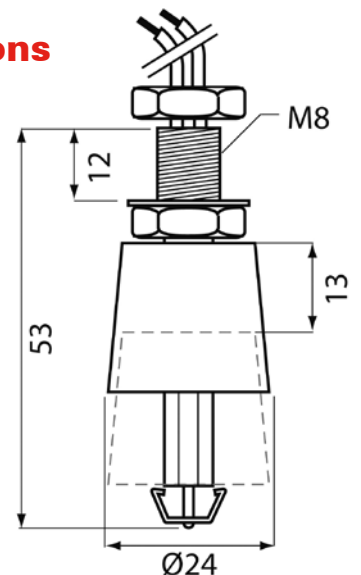
Maximum operating temperature : 80°C en continu

Utilisation

This level switch, with an overall length of 53 mm, and a conical float with a maximum diameter of 24 mm, is used in the vertical position and measures the high or low level of a liquid in a tank. It is provided with a highly reliable contact which allows the user to choose either low or high level detection.

Can not be reverse, switch way is factory setting

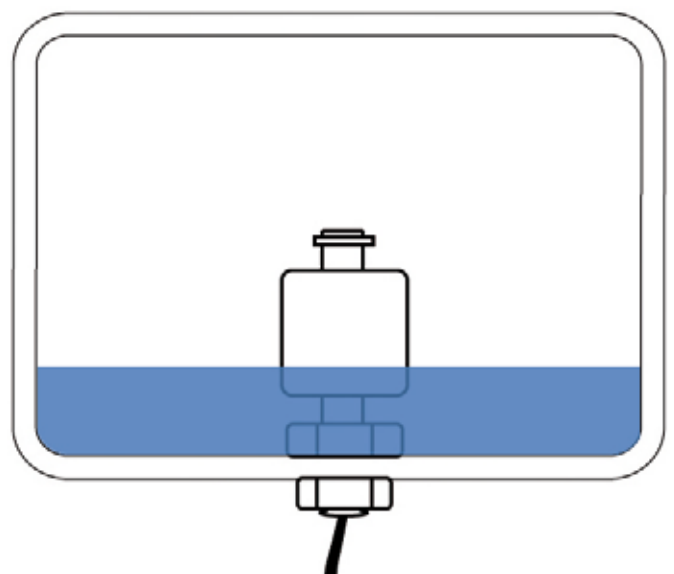
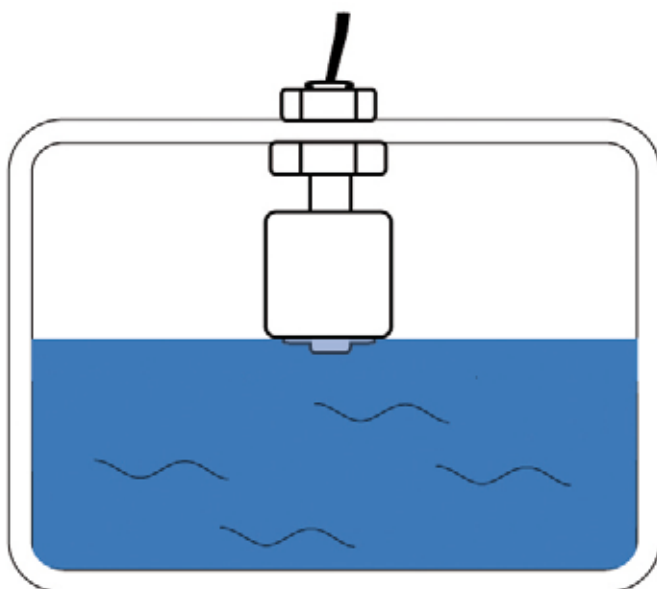
Dimensions



The fastening diameter is 8,2 mm.

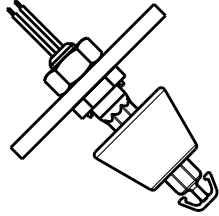
It is suitable for a tank wall up to 6 mm.

Place the sensor from the inside of the tank, and from the outside, screw the nut to fix it.

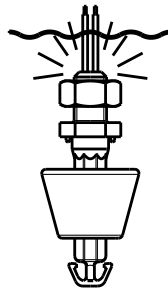


Exemples de montage

Recommendations for the setting up

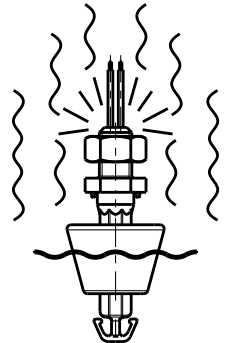


Make sure it is installed in vertical position

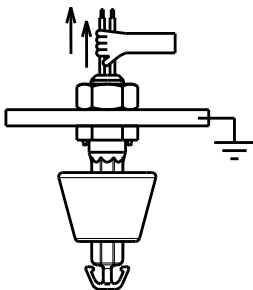


Cable side

No immersion
No humidity
No vapour
No run off allowed
A specific request is otherwise necessary in particular for air-conditioning applications

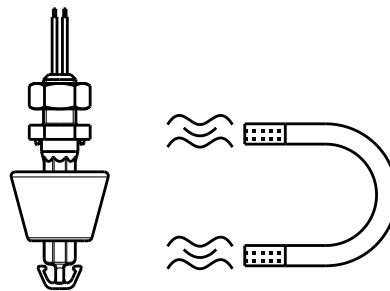


Check the water tightness between the float assembly and the cable assembly

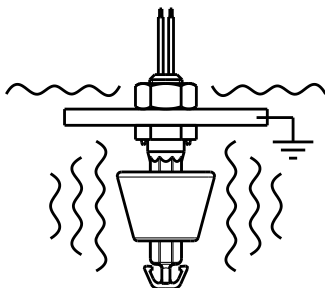


Cable side

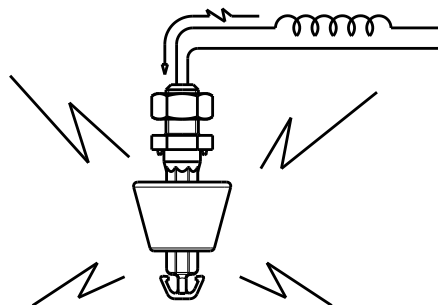
No traction exerted on the wires



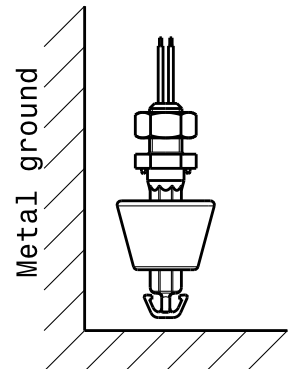
Make sure there is no magnetic field in the vicinity



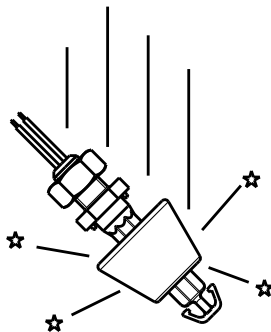
Make sure there are no vibrations in the installation area
A specific request is otherwise necessary



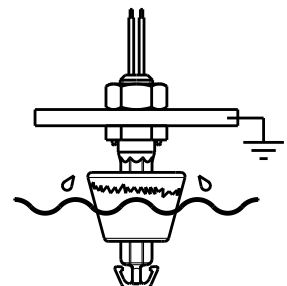
Check the kind of electric load on the contacts
The value indicated on the drawing is for a resistive load only!



Do not install in the vicinity of a magnetic metal ground
Risk of modification or disturbance in the detection



Avoid any shock to the level sensor when stored or when fitted as it may otherwise modify its characteristics



Make sure the chemical character of the liquid used is compatible with the components of the sensor that are immersed, in combination with the operating or peak temperature and the required lifetime