

# **HORIZONTAL LEVEL SWITCH**

## **Type PP**



**Manual**

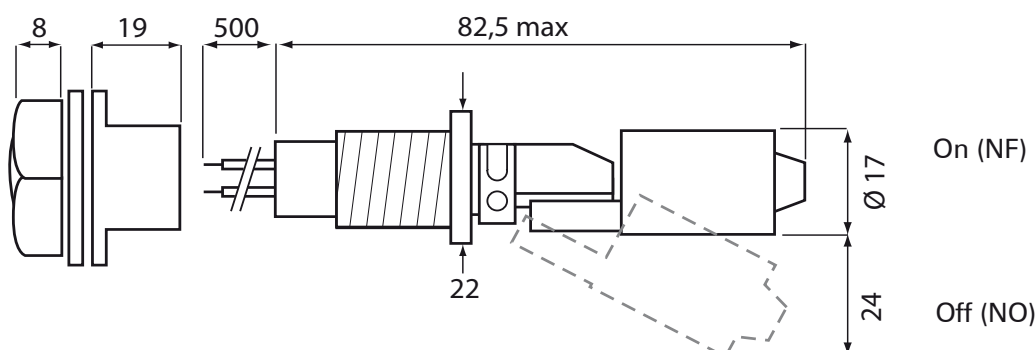
## Materials

	<b>PP</b>	<b>PAS</b>	<b>PAN</b>
Casing and float :	polypropylene	polyamide	polyamide
Grommet :	EPDM	silicone	NBR (nitrile)
Nut :	nylon	nylon	nylon
Washer :	nylon	nylon	nylon
Protection : IP65			
Drilling diameter : 23 mm			
Wire : black PVC 0,60 mm <sup>2</sup> , length 500			

## Operating ratings

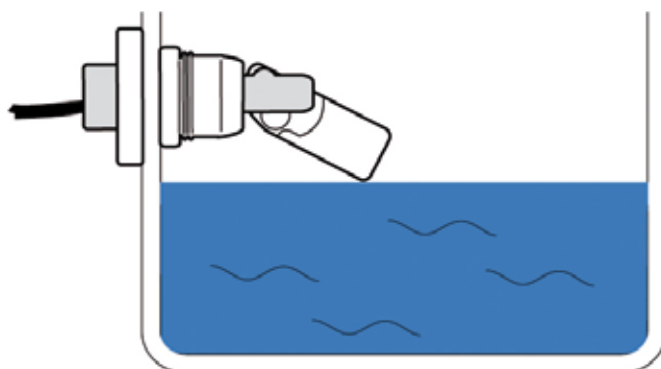
Maximum voltage : 250 V  
 Maximum current : 1 A  
 Maximum pression : 10 bar  
 Maximal operating temperature : 80°C

## Dimensions

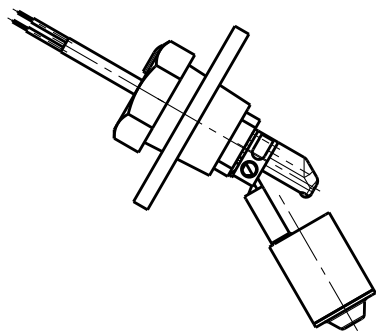


## Mouting

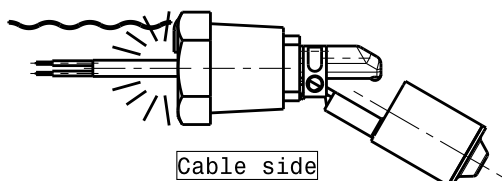
Drilling diameter : 23 mm  
 Wall of up to 4 mm.  
 This level switch, with an overall length of 82.5 mm (65 mm inside the tank), is used in the horizontal position. Fitting the switch upside-down inverts the contact.  
 Insert the float from the outside of the tank. Screw on the nut : sealing washer collapses and expands to hold the sensor in position and seal.



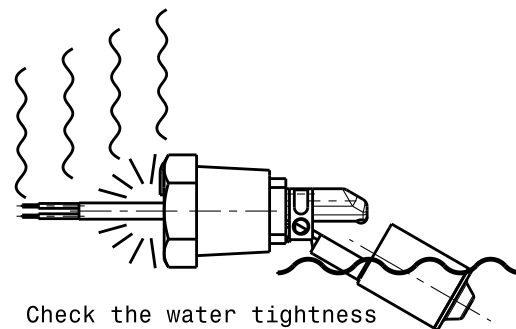
## Recommendations for the setting up



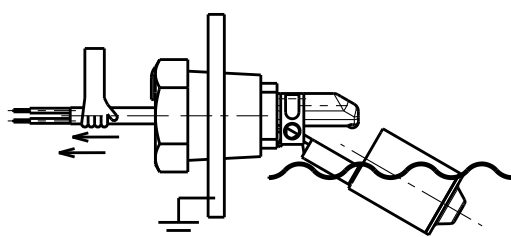
Make sure it is installed in horizontal position



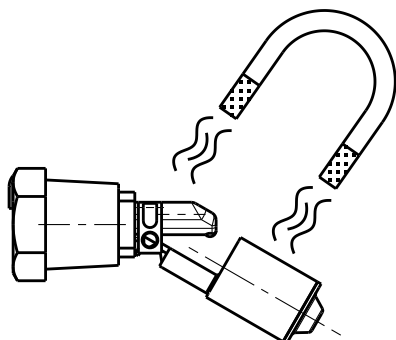
No immersion  
No humidity  
No vapour  
No run off allowed  
A specific request is otherwise necessary in particular for air-conditioning applications



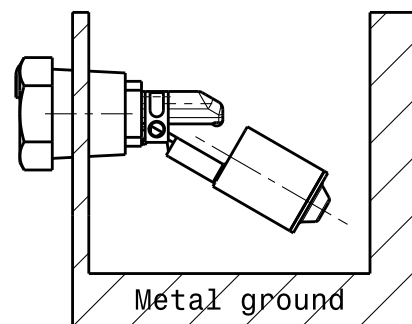
Check the water tightness between the float assembly and the cable assembly



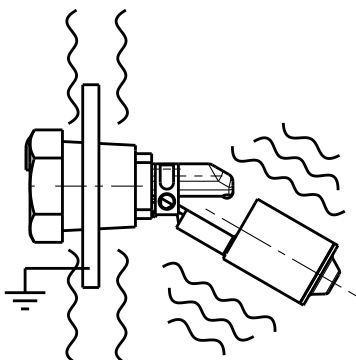
No traction exerted on the wires



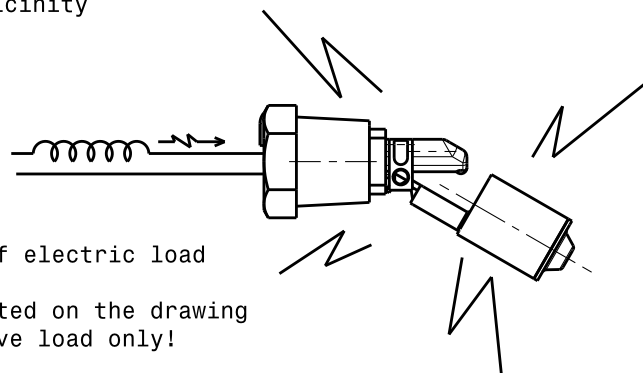
Make sure there is no magnetic field in the vicinity



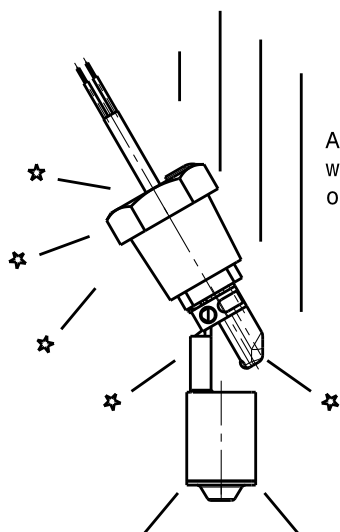
Do not install in the vicinity of a magnetic metal ground  
Risk of modification or disturbance in the detection



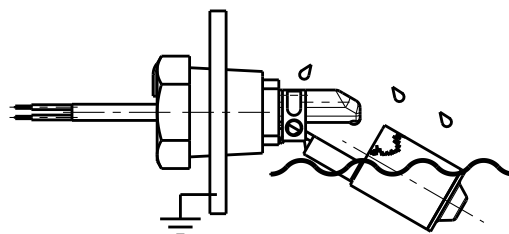
Make sure there are no vibrations in the installation area  
A specific request is otherwise necessary



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



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