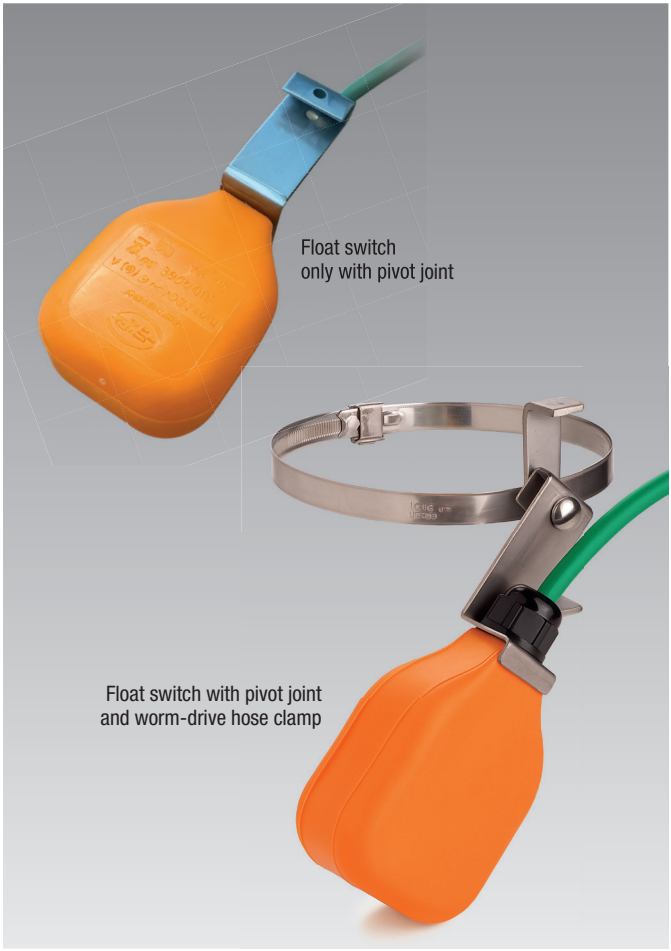
Float switch two-way contact

EN

OPERATING INSTRUCTIONS

- **Instructions for Installation and use**
- **Installation with or without pivot joint**
- **Float switch with pivot joint and worm-drive hose clamp**



made in Germany

WISY Rainwater Harvesting

Float switch

For monitoring and controlling water levels

Please read these instructions carefully before installing the float switch!

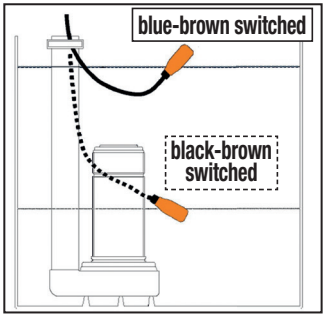
The switch changes the connection between two circuits when the water level rises and falls. When the water level rises, the float rises and closes circuit 1. When the water level falls, circuit 1 is opened and circuit 2 is closed.

Installation without pivot joint

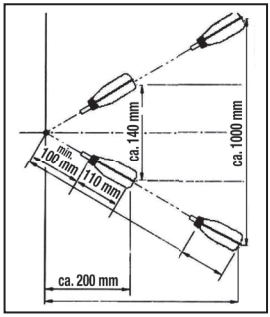
Mechanical installation

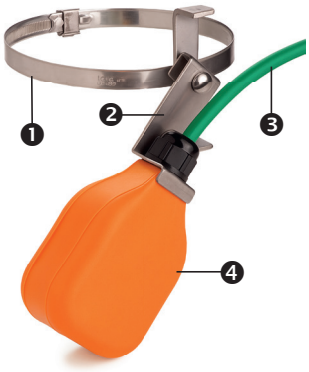
Fix the cable of the float switch so that it is centered between the lower and upper water levels, using a cable clip or a similar device (illustration 1). The switching angle of the float switch is 45°, so the level difference is approximately 1.4 times the length of the free cable *(Illu.2)*.
Example: Free cable length 10 cm (3.94 in.):
Level difference 14 cm (5.51 in.).

Illu. 1



Illu. 2





Components:

❶ Hose/worm-drive clamp (Standard Ø: 100–130 mm / 4–5 in., other sizes available)

❷ Switch pivot joint

❸ Connecting cable

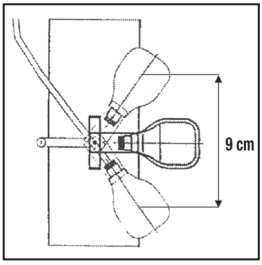
❹ Float switch

Installation with pivot joint

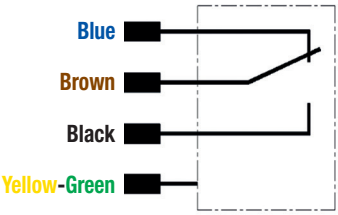
The pivot joint permits small and precise level differences of only 9 cm. See illustration 3. The float switch is fixed with the hose clamp in the middle between the upper and the lower water level.

Please ensure that the cable does not restrict the movement of the float lever.

Illu. 3



Electrical installation



The electrical capacity of the switch is 10 (8) A at 250 V, AC.

Wire assignment	Circuit 1 (e.g. Drain Pump)	Circuit 2 (e.g. Refill valve)
Blue/Gray	COM	COM
Brown	On when float up	Off
Black	Off	On when float down
Yellow-Green	Earth conductor	Earth conductor

Important: It is possible that water can enter along the cable length and find its way into the switch. It is therefore important not to allow the free end of the cable to enter the water. The connection must be made in a dry area or into a socket protection class IP 65 (or better). It is advisable to use a fault current protection switch.

The operational temperature range is from -25° up to + 60°

Example of a non potable water installation with potable water feed through the open potable water outlet/mains water top-up.

❶ Open potable water outlet/mains water top-up

❷ Standpipe filter collector

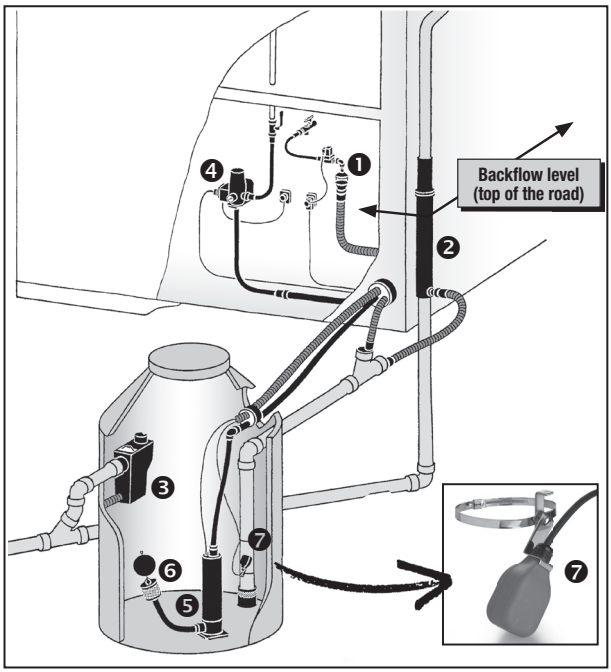
❸ Multisiphon

❹ Automatic switch

❺ Submersible pressure pump

❻ Floating suction filter

❼ **Float switch**



Guarantee

The Float switch is manufactured with care and subject to stringent quality controls. In the unlikely event that parts do prove defective despite our strict testing regime, WISY shall repair or replace free of charge any defective part. This does not apply however in the case of damage caused by improper installation or use of force. WISY offers a 2-year guarantee valid from the date of purchase from the specialist retailer. WISY will replace defective materials during this period.

WISY AG
D-63699 Kefenrod · Oberdorfstraße 26
Telefon +49 (0) 60 54 - 91 21-0
Internet: www.wisy.de · E-Mail: info@wisy.de

AHA153-E-V01 13.08.2025 / Reserve technical changes