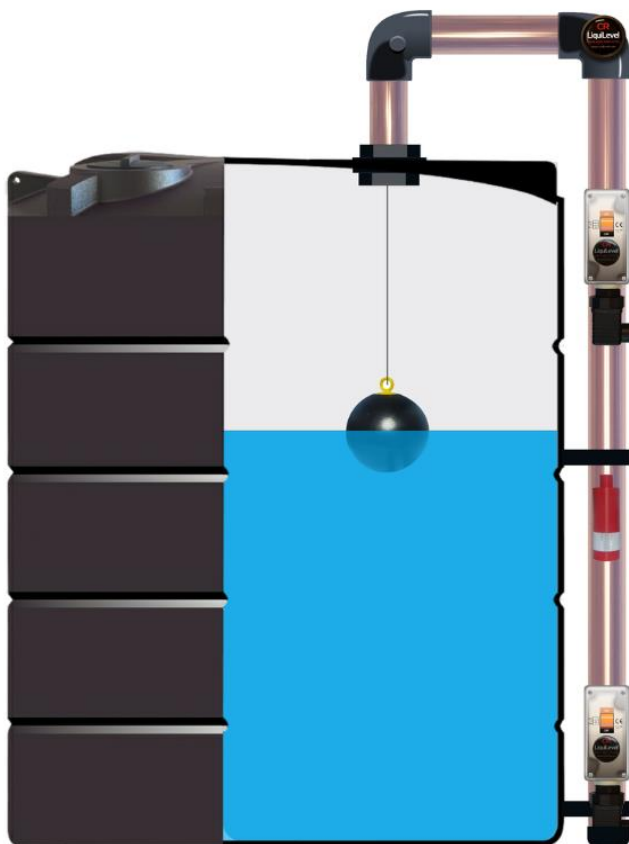


Magnetic switch for reverse float level indicator

The magnetic switch is made to be used with the reverse float level indicator by Cy-Bo. The switch is mounted on the PVC clear tube parallel to the tank. Depending on the position of the red PVC counterweight, the contact state will change from close to open (or opposite) indicating the level reached in the tank. The contact will remain in position until the red magnetic counterweight passes again.

Advantages

- Quick and easy installation;
- Low cost;
- Simple wiring;
- Versatile: you can install as many switches as you want;
- Polyvalent: can cause an action on an alarm, light, pump, valve;
- Can be used as main level detection system or back-up.



Assembly

The magnetic switch is fastened vertically to the clear PVC guide tube, at the respective height of the desired switching point. When mounting the magnetic switch please consider the position of the optical display matches with the position of the red counterweight. Otherwise the switch would give a wrong output signal.

Technical features

Rated voltage: 4 V to 30 V DC

Rated current: 1 mA to 3 A (AC or DC)

Switching principle: Microswitch, magnetically actuated.

Cable cross section: 1.5 mm²

Connector: 3 poles cable plug acc. DIN

Temperature: -20°C to 80°C

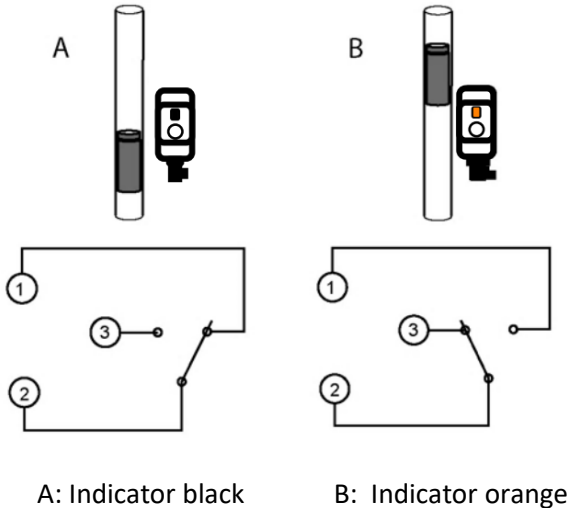
Body material: ABS

Cover material: Polycarbonate clear

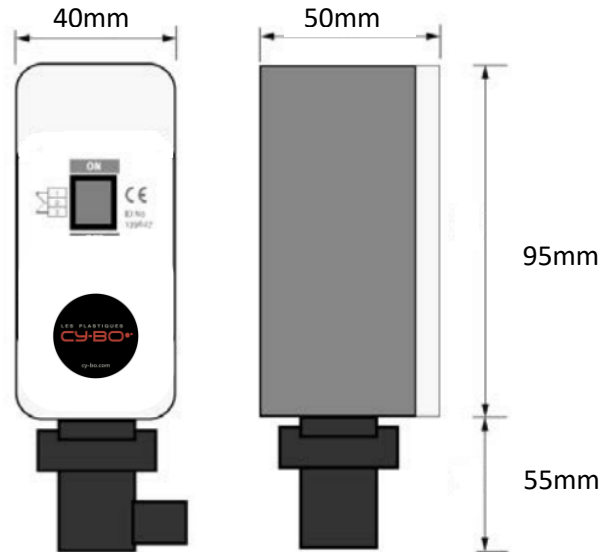
Fitting: plastic cable tie or non-magnetic hose clamp

Housing: IP 65 acc. EN 60 529

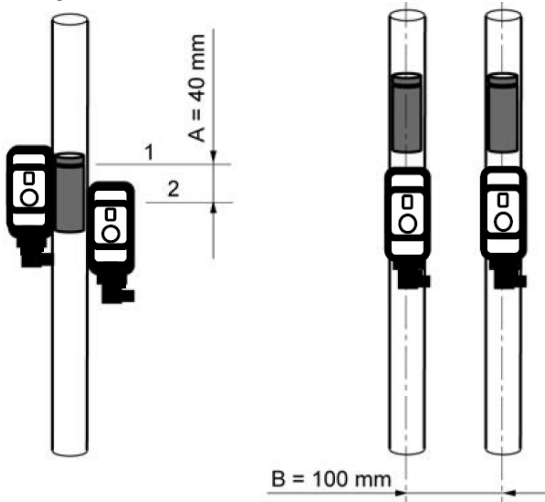
Wiring Diagram



Dimensions

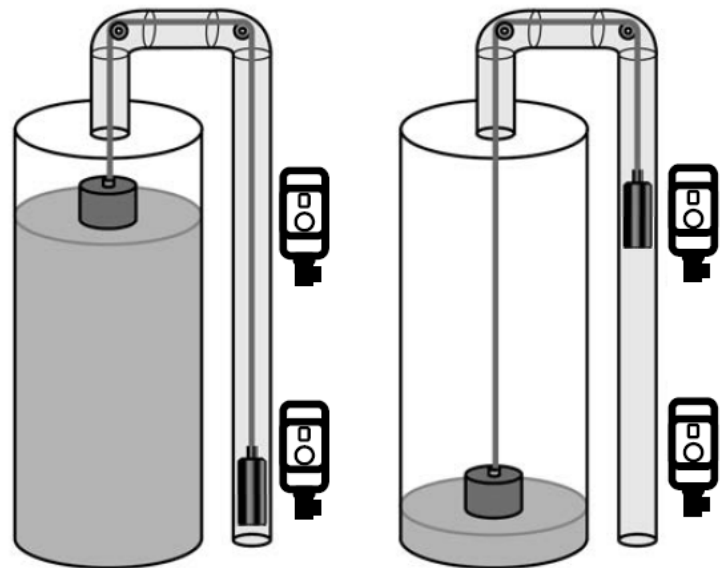


Switching and installation distances



A: minimum distance between two 120° mounted switches.

Example of level indicator system



Electrical connection

