

Float switch suitable for fluid level regulation

- 1 CO (SPDT)
- 10 A (resistive load)
- 8 A (inductive load)
- 2 or 3 watertight chambers resistant to high pressures
- Cable length 5 m, 10 m, 15 m or 20 m
- Suitable for emptying and filling
- Contact material AgNi

72.A1.0000.xxxx



- Float switch with 2 watertight chambers, for grey water pumping and drainage
- Counterweight (230 g) with cable grip, included

72.A1.0000.xx02



- Float switch with 2 watertight chambers, for fluid foodstuff and potable water
- Suitable for swimming pools with high levels of chlorine, or in salt-water pools with high levels of salinity
- Counterweight (230 g) with cable grip, included
- Cable and plastics ACS certified for alimentary uses



72.B1.0000.xxxx



- Float switch with 3 watertight chambers, for black water systems, drainage plants and pumping stations
- Supplied with fixing kit

* H07 RN F cable approved TÜV

For outline drawing see page 19

Technical data				
Contact configuration		1 CO (SPDT)	1 CO (SPDT)	1 CO (SPDT)
Rated current	A	10 A (8 A)	10 A (8 A)	10 A (8 A)
Rated voltage	V AC	250	250	250
Minimum switching load	mW (V/mA)	1200 (12/100)	1200 (12/100)	1200 (12/100)
Breaking capacity DC1		6 A - 30 V DC	6 A - 30 V DC	6 A - 30 V DC
Protection degree		IP 68	IP 68	IP 68
Max liquid temperature	°C	+50	+40	+50
Max depth	m	40	40	20
Cable material		PVC - H07 RN F*	ACS + AD8	PVC - H07 RN F*
Body material		Polypropylene	Polypropylene	Polypropylene
Approvals (according to type)		CE EAC	CE ACS	CE EAC

Float switch suitable for fluid level regulation

- 1 CO (SPDT)
- 10 A (resistive load)
- 8 A (inductive load)
- Space saving version, for narrow spaces
- Manual switch for automatic (ON/OFF) or manual (always ON) operation
- Cable length 2 m
- Suitable for emptying and filling

72.C1.0000.0201



- Space saving version, for narrow spaces .
- Magnetic contact
- Cable length 2 m



Manual switch

** H07 RN F cable approved TÜV

For outline drawing see page 19

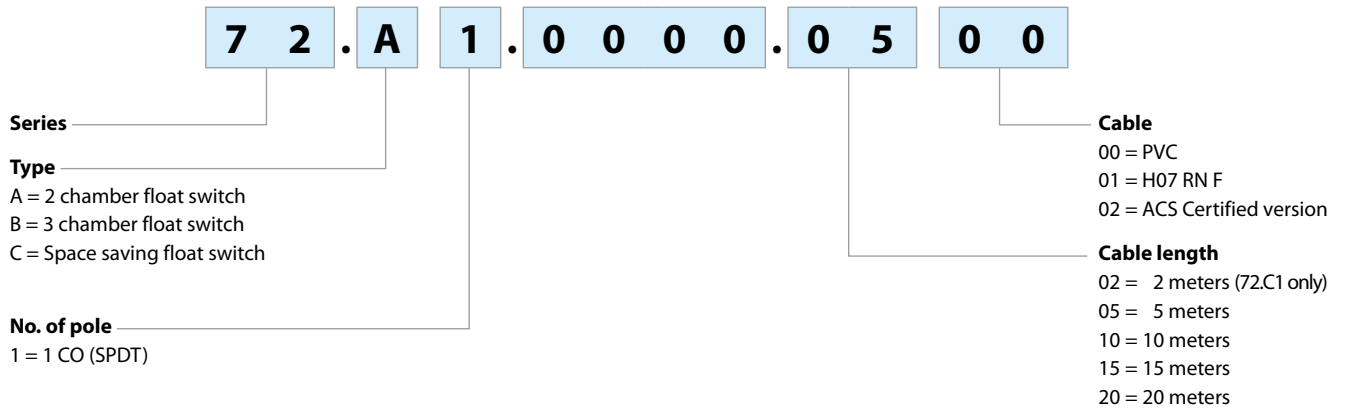
Technical data

Contact configuration		1 CO
Rated current	A	10 A (8 A)
Rated voltage	V AC	250
Minimum switching load	mW (V/mA)	1200 (12/100)
Breaking capacity DC1		6 A - 30 V DC
Protection degree		IP 68
Max liquid temperature	°C	+50
Max depth	m	10
Cable material		H07 RN F*
Body material		Polypropylene
Approvals (according to type)		CE ENEC

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Ordering information

Example: 72 Series, float switch, 1 CO (SPDT).



Accessories - Included in the package

Counterweight for type 72.A1



Counterweight (230 g) for Type 72.A1. Fixes to the cable to allow adjustment of the overall level and the switching hysteresis.

Fixing Kit for type 72.B1



Screw clamp with cable grommet for Type 72.B1. For "strain relief" fixing of the cable.

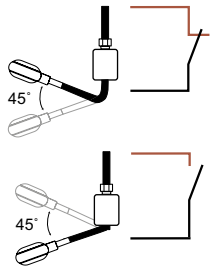
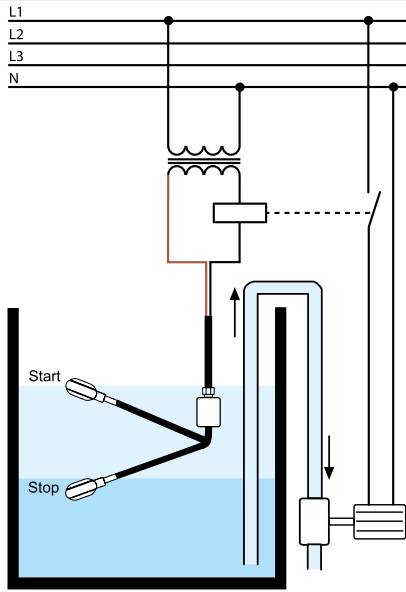


Mounting bracket and clamps to simplify wall or pipe installation.

Applications

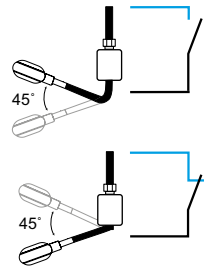
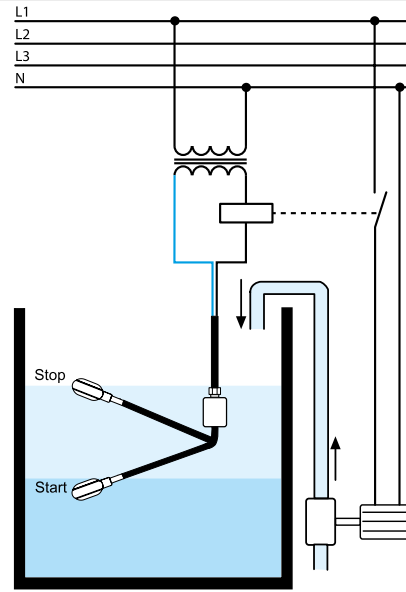
Type 72.A1

Emptying function



When black and brown wires are used, the circuit opens when the float is down and closes when the float is up. In this case the blue/grey wire must be insulated.

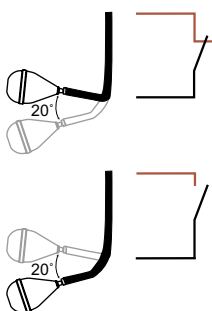
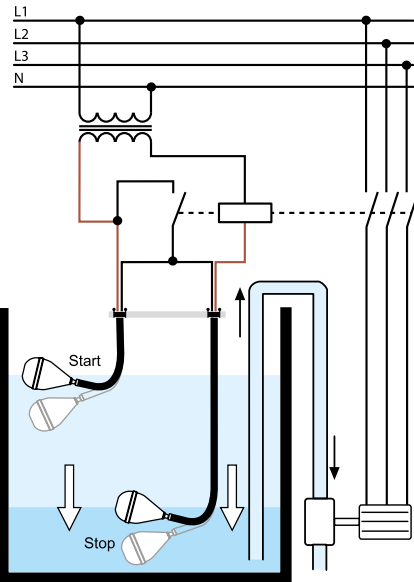
Filling function



When black and blue/grey wires are used, the circuit opens when the float is up and closes when the float is down. In this case the brown wire must be insulated.

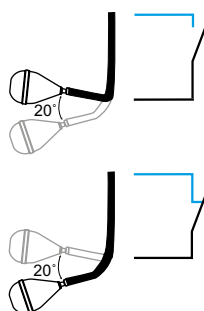
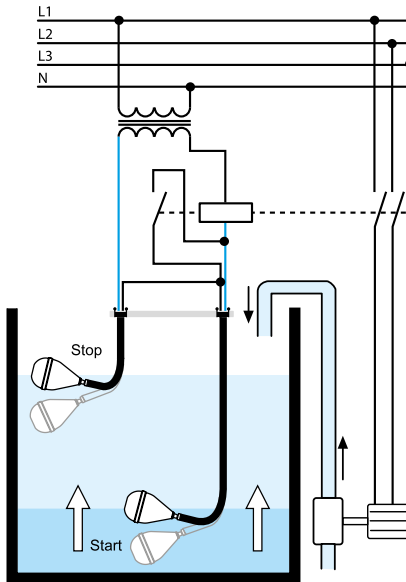
Type 72.B1

Emptying function



When black and brown wires are used, the circuit opens when the float is down and closes when the float is up. In this case the blue/grey wire must be insulated.

Filling function



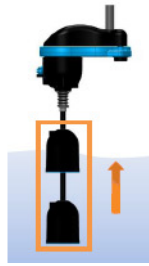
When black and blue/grey wires are used, the circuit opens when the float is up and closes when the float is down. In this case the brown wire must be insulated.

Example

Type 72.C1



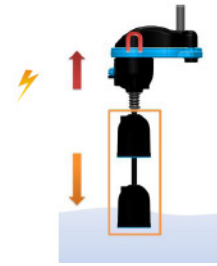
The tank fills



The water reaches the max level, and it raises the whole floating body



High level starts the pump and the tank drains



The water reaches the minimum level and the weight of the floating body disengages the magnet



Low level stops the pump

Functions

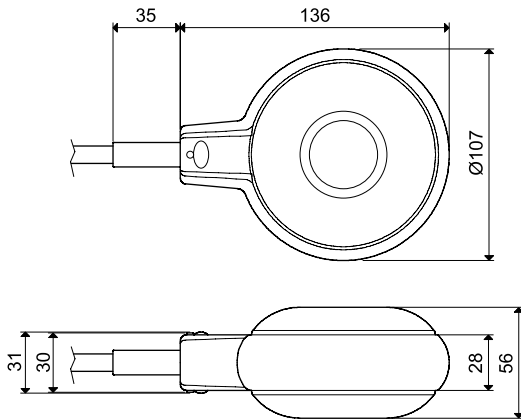
Emptying: when black and brown wires are used, the circuit opens when float is down and closes when the float is up.
Note: the blue/grey wire must be insulated.

Filling: when black and blue/grey wires are used, the circuit closes when float is down and opens when the float is up.
Note: the brown wire must be insulated.

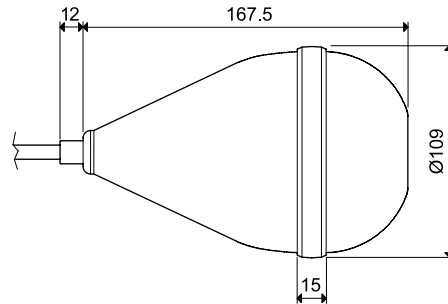
N.B: The grounding wire is always yellow and green.

Outline drawings

Type 72.A1



Type 72.B1



Type 72.C1

