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Made in Italy

30

years

with

you



UL certified products
for the North American market

Brochure 2024 - English





About Us

We are an **Italian manufacturing company of float switches and filters**, which was born in 1994 but it has a wide experience in the hydraulics and electromechanical field, that dates back to the 70s. Production takes place at our plant located close to Venice. We conceive, design and create moulds for our products by our self.

We are suppliers of float switches for many pump manufacturers, constructors of water treatment stations, producers of electrical panels and electric components; as well as for distributors and resellers of electric and hydraulics parts and many others. Our company philosophy, as simple as ambitious, has always focused on customer's satisfaction by supplying products of evident quality and reliability, all **Made in Italy**.

Constant innovation, passion, professionalism and first-choice raw materials allow us to get such a well done accessory line for pumps that our company is indeed very similar to a small artisanal factory, but has the high production capacity of a big industry.

ISO 9001:2015 Certified Company, **TUV, UL, EX, EAC, ACS** Certified and ever-changing products.

We firmly believe that the float switch is the heart of every submersible pump and of every civilian and industrial facility. Therefore...

OUR **FLOAT SWITCHES** BOAST THE FOLLOWING QUALITIES:

- mercury free
- electrically tested one by one before being packed, to guarantee the best reliability
- tested in water under vacuum during the whole production, to look for any possible leakage
- weekly subjected to resistance and pressure tests
- made with material suitable for high temperatures
- made with top quality micro-switches with 50.000 life-cycles;
- made with top quality oil resistant cables
- wide range of products for different applications, from domestic to professional

100% designed and produced in our headquarter close to Venice



Level Regulators



CE US



NARROW SPACES

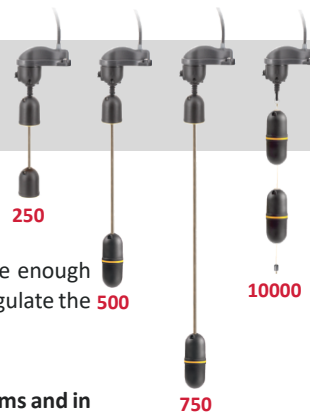
Mouse

Vertical level regulator suitable for narrow spaces where regular floats do not have enough room to move. At user's will the floating bodies can be moved along the shaft to regulate the minimum and maximum level.

Shaft is available in different lengths.

Suitable to control the water level in clean water, rain water, industrial water systems and in systems with water containing chemical substances.

- **Casing:** Polypropylene
- **Grommet:** TPE
- **Accordion hose:** NBR
- **Shaft:** PET: 200mm; AISI 316: 250/500/750mm; Polyester: 10m



Plastic Bracket

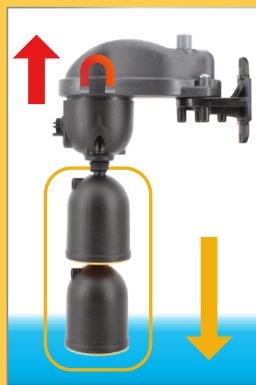
Stainless Steel Bracket



The tank fills up. The water reaches the maximum level and the whole floating body raises.



The max level turns the pump ON and the tank drains.



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



The min. level turns OFF the pump.



MOUSE A-00-SPST	SJOW 3AWG16	2 / 10 / 20 / 30 (ft)	250V 10A / 250V 1-½HP / 125V ½HP
MOUSE A-01-SPST	SJOW 3AWG14	2 / 10 / 20 / 30 (ft)	250V 14A / 250V 2HP / 125V ¾HP
MOUSE A-05-SPST	SJOW 3AWG14 +PIGGYBACK PLUG	15 / 33 (ft)	125V ¾HP
MOUSE A-00-SPDT	SJOW 3AWG16	2 / 10 / 20 / 30 (ft)	250V 10A / 250V 1HP / 125V ¾HP
MOUSE A-04-SPST	SJOW 2AWG14	2 / 10 / 20 / 30 (ft)	250V 14A / 250V 2HP / 125V ¾HP
MOUSE A-03C-SPST	/	/	250V 10A / 250V 1-½HP / 125V ½HP
MOUSE A-03E-SPST	SJOW 3AWG16	2 / 10 / 20 / 30 (ft)	250V 10A / 250V 1-½HP / 125V ½HP
MOUSE A-03A-SPST	SJOW 3AWG14 +PIGGYBACK PLUG	2 / 10 / 20 / 30 (ft)	125V ¾HP

max.+50°C
(+122°F)

max.10m
(32,8ft)

SOLUTIONS FOR PUMP MANUFACTURERS



B
(standard)



D








WASTE WATER

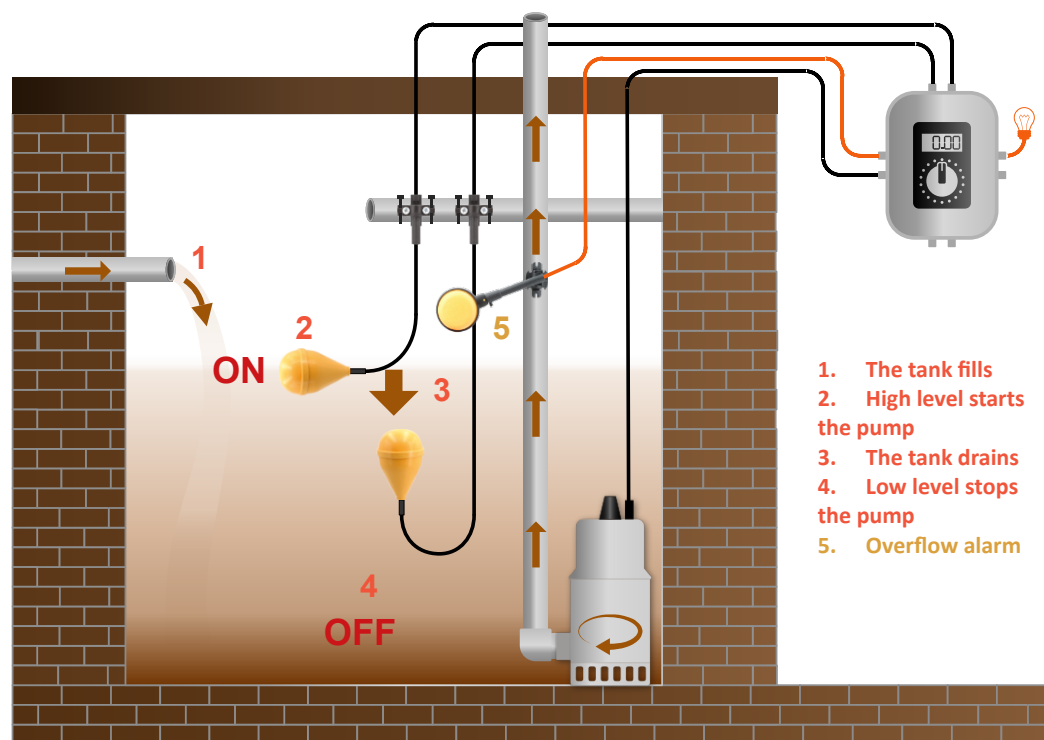
Taurus

Three watertight chambers level regulator with freely suspended trim variation. **Ideal for heavy-duty applications, for level regulation in sewage facilities and industrial waste waters, and for pumping stations.**

Unlike traditional floats that float on the water surface, the TAURUS thanks to its special construction with integrated counterweight, remains underwater. Used in couple with another of the same type allows you to adjust the levels of minimum and maximum. It's also possible to use a third and fourth regulator for minimum and maximum alarm respectively.

- **Casing:** Polypropylene
- **Specific weight:** 0,95 - 1,05 kg/dm³
- **Grommet:** TPE

						
TAURUS A-00-SPST	SJOW 3AWG16	10 / 20 / 30 (ft)	250V 10A / 250V 1-½HP / 125V ½HP			
TAURUS A-01-SPST	SJOW 3AWG14	10 / 20 / 30 (ft)	250V 14A / 250V 2HP / 125V ¾HP	max.+50°C (+122°F)	max.20m (65,6ft)	20°±5°
TAURUS A-00-SPDT	SJOW 3AWG16	10 / 20 / 30 (ft)	250V 10A / 250V 1HP / 125V ½HP			
TAURUS A-04-SPST	SJOW 2AWG14	10 / 20 / 30 (ft)	250V 14A / 250V 2HP / 125V ¾HP			



1. First Chamber: one float switch
2. Second Chamber with counterweight inside
3. Third Chamber of air

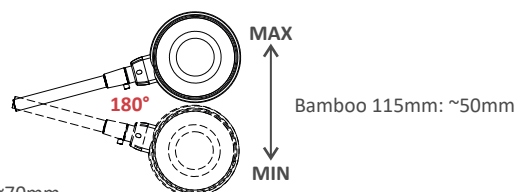
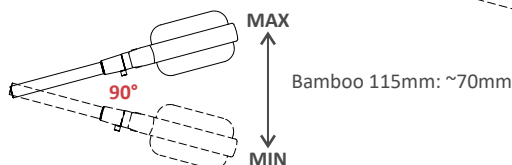
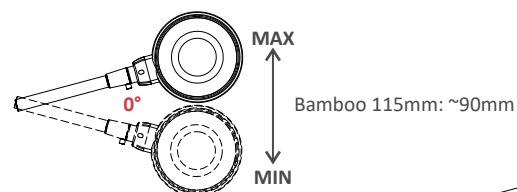
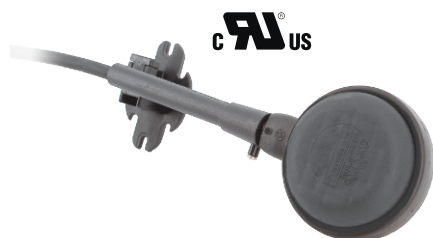
Olympic 03

Float switch with activation angle of **20° for overflow alarm.**

Built with materials highly resistant to mechanical stress, it is ideal for applications in turbulent waters as it prevents the entanglement of the cable, so the float switch can work properly. It can be used also in narrow spaces, and in sewage and industrial waters.

It can be fixed it to wells and tanks walls by screws (not supplied), or to pumps delivery pipes of any diameter using the cable ties supplied. It can be assembled with right (recommended) or left orientation. The float switch can be installed in 3 different positions (horizontal, vertical, vertical 180 °) to allow the regulation of small changes in minimum and maximum level.

- **Casing:** Polypropylene





OLYMPIC A-00-SPST-03	SJOW 3AWG16	2 / 10 / 20 / 30 (ft)	250V 10A / 250V 1-½HP / 125V ½HP
OLYMPIC A-01-SPST-03	SJOW 3AWG14	2 / 10 / 20 / 30 (ft)	250V 14A / 250V 2HP / 125V ¾HP
OLYMPIC A-00-SPDT-03	SJOW 3AWG16	2 / 10 / 20 / 30 (ft)	250V 10A / 250V 1HP / 125V ½HP
OLYMPIC A-04-SPST-03	SJOW 2AWG14	2 / 10 / 20 / 30 (ft)	250V 14A / 250V 2HP / 125V ¾HP

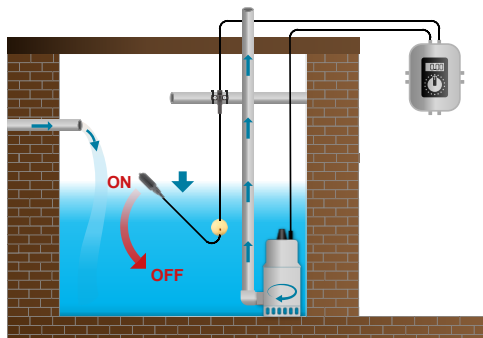
max.+50°C
(+122°F)

max.20m
(65,6ft)

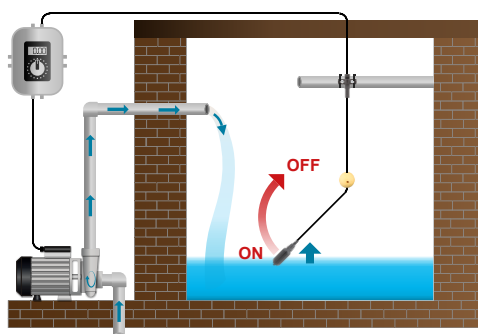
20°±5°

Traditional Float Switches

Emptying function (SPST-NO or SPDT-NO)



Filling function (SPDT-NC)



GENERAL PURPOSE

Olympic

Reduced dimensions, the most economic solution for water pumps and plumbing systems automation.

- Casing: Polypropylene



Shell 230g



OLYMPIC A-00-SPST	SJOW 3AWG16	2 / 10 / 20 / 30 (ft)	250V 10A / 250V 1-½HP / 125V ½HP
OLYMPIC A-01-SPST	SJOW 3AWG14	2 / 10 / 20 / 30 (ft)	250V 14A / 250V 2HP / 125V ¾HP
OLYMPIC A-00-SPDT	SJOW 3AWG16	2 / 10 / 20 / 30 (ft)	250V 10A / 250V 1HP / 125V ½HP
OLYMPIC A-04-SPST	SJOW 2AWG14	2 / 10 / 20 / 30 (ft)	250V 14A / 250V 2HP / 125V ¾HP

max.+50°C
(+122°F)

max.20m
(65,6ft)

90°±20°

Fox

Suitable for water pumps and professional plumbing systems automation.

- Casing: Polypropylene



Shell 230g



FOX A-00-SPST	SJOW 3AWG16	2 / 10 / 20 / 30 (ft)	250V 10A / 250V 1-½HP / 125V ½HP
FOX A-01-SPST	SJOW 3AWG14	2 / 10 / 20 / 30 (ft)	250V 14A / 250V 2HP / 125V ¾HP
FOX A-05-SPST	SJOW 3AWG14 +PIGGYBACK PLUG	15 / 33 (ft)	125V ¾HP
FOX A-00-SPDT	SJOW 3AWG16	2 / 10 / 20 / 30 (ft)	250V 10A / 250V 1HP / 125V ½HP
FOX A-04-SPST	SJOW 2AWG14	2 / 10 / 20 / 30 (ft)	250V 14A / 250V 2HP / 125V ¾HP

max.+50°C
(+122°F)

max.10m
(32,8ft)

90°±20°

DEPTH

Supertec

Double chambers float switch resistant to high pressures. A greater buoyancy and the reduced dimensions guarantee high performances.

Ideal for heavy-duty applications, for level regulation of facilities sewage and industrial waste waters, and for pumping stations.

- Casing: Polypropylene
- Grommet: TPE



1. First Chamber: one float switch
2. Second Chamber: a resistant cover

Model	Cable	Length (ft)	Power (HP)	Temp (°C)	Depth (m)	Angle (°)
SUPERTEC A-00-SPST	SJOW 3AWG16	2 / 10 / 20 / 30	250V 10A / 250V 1-½HP / 125V ½HP			
SUPERTEC A-01-SPST	SJOW 3AWG14	2 / 10 / 20 / 30	250V 14A / 250V 2HP / 125V ¾HP			
SUPERTEC A-00-SPDT	SJOW 3AWG16	2 / 10 / 20 / 30	250V 10A / 250V 1HP / 125V ½HP	max.+50°C (+122°F)	max.40m (131,23ft)	90°±20°
SUPERTEC A-04-SPST	SJOW 2AWG14	2 / 10 / 20 / 30	250V 14A / 250V 2HP / 125V ¾HP			

Electronic Regulators



By means of the supplied magnetic key, the customer is able to adjust the delay time of start and stop according to its own needs of use. Also thanks to the Piggyback Plug version it can be connected directly to a pump without the need of a traditional control panel.

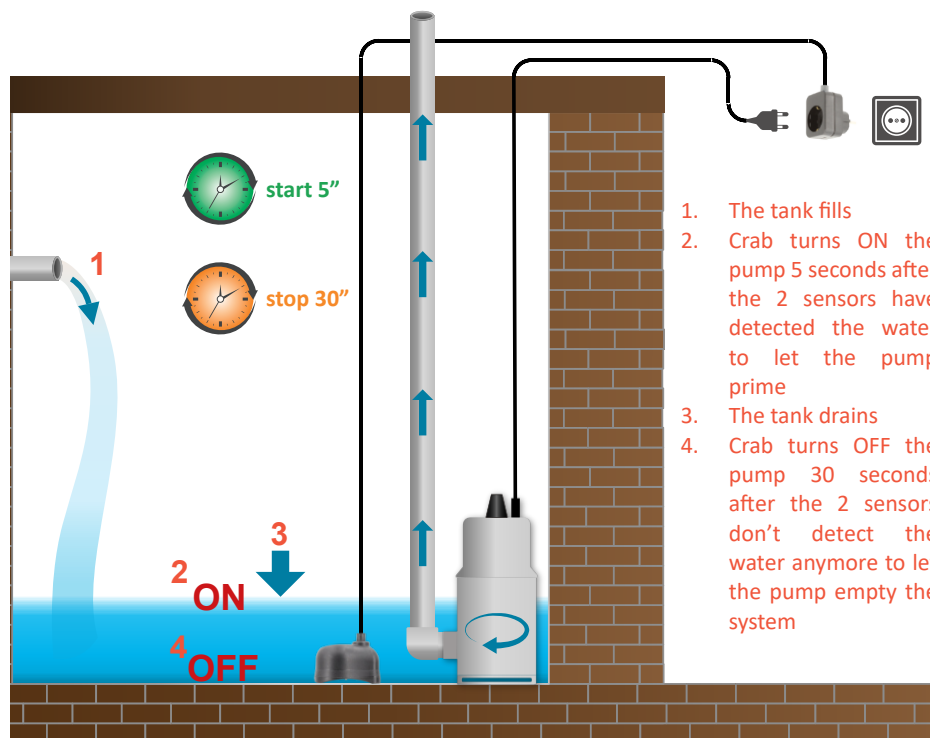
FLOORSENSOR

Crab

Resting on a flat surface, it remains anchored to the bottom, allowing it to detect the presence of water on the floor.

Suitable for level monitoring in facilities of clear, storm water, industrial and chemical waters.

- Casing: Polypropylene
- Grommet: TPE
- Factory delay time: start 5" / stop 30"
- Adjustable time: start / stop = 1" ÷ 120"



Model	Cable	Length (ft)	Power (HP)	Temp (°C)	Depth (m)
CRAB A-00B-SPST	SJOW 4AWG16	3 / 20 / 30	250Vac 10A / 250Vac 1HP / 125Vac ½HP		
CRAB A-00B-SPST-012	SJOW 4AWG16	3 / 20 / 30	12/24Vac/dc 1A	max.+50°C (+122°F)	max.10m (32,8ft)
CRAB A-02D-SPST	SJOW 4AWG14 +PIGGYBACK PLUG	15 / 33	125V ½HP		

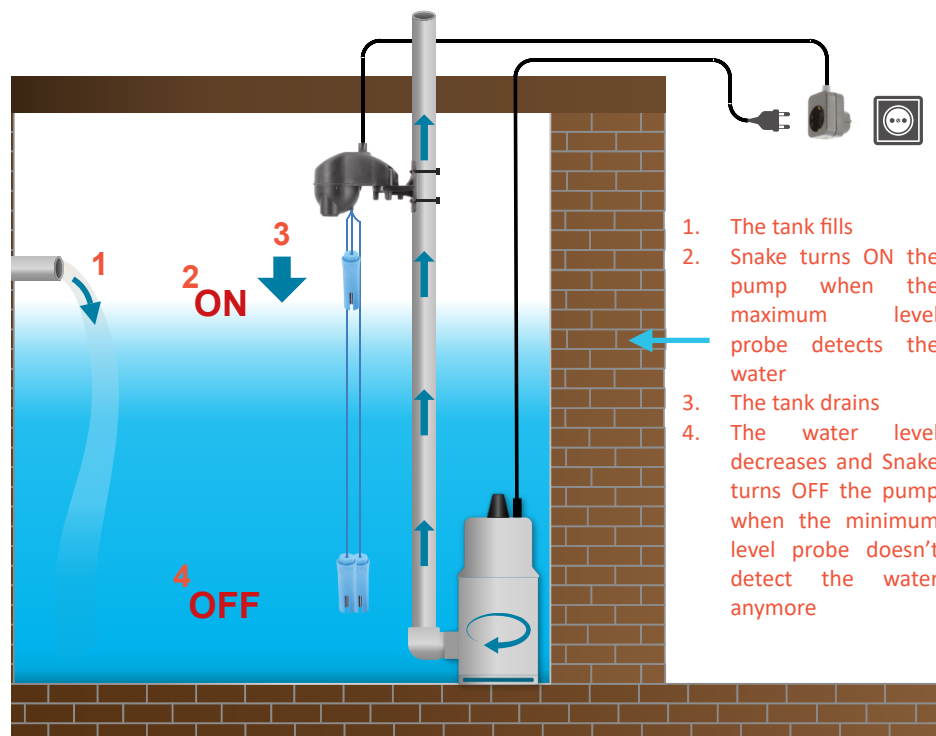
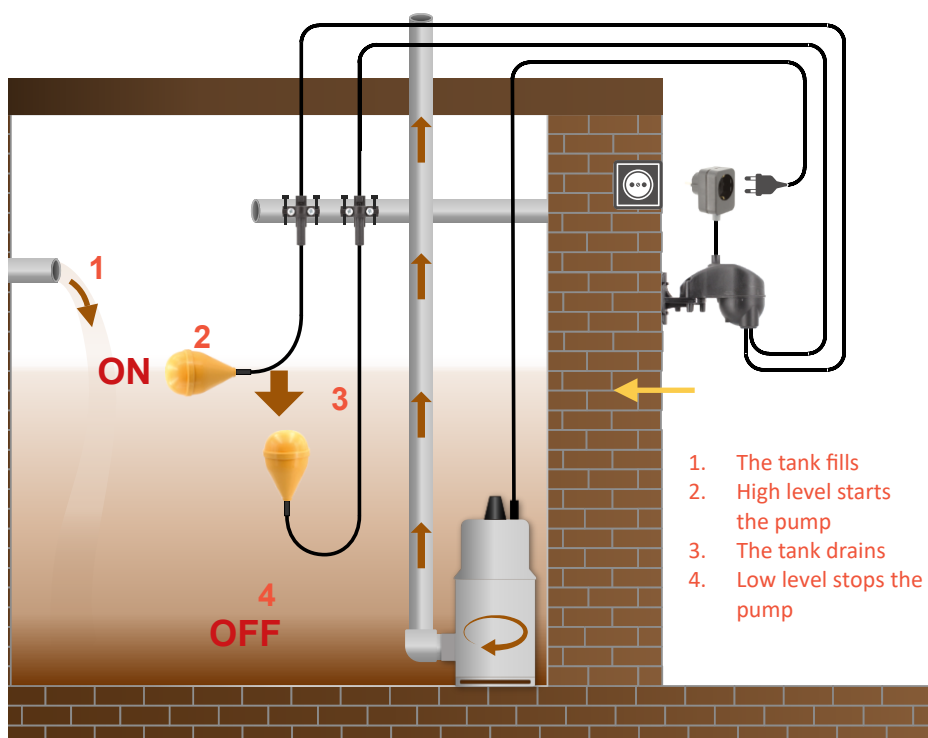
LONG DISTANCES







Snake

In combination with Probes or Taurus (sold separately) it allows the installation of the control body at a very long distances from the workstations.

Suitable for level monitoring in facilities of clear, storm water, industrial and chemical waters.

- Casing: Polypropylene
- Grommet: TPE
- Factory delay time: start 0" / stop 0"
- Adjustable time: start / stop = 1" ÷ 120"



					
Snake A-00B-SPST	SJOW 4AWG16	3 / 20 / 30 (ft)	250Vac 10A / 250Vac 1HP / 125Vac ½HP		
Snake A-00B-SPST-012	SJOW 4AWG16	3 / 20 / 30 (ft)	12/24Vac/dc 1A	max.+50°C (+122°F)	max.10m (32,8ft)
Snake A-02D-SPST	SJOW 4AWG14 +PIGGYBACK PLUG	15 / 33 (ft)	125V ½HP		

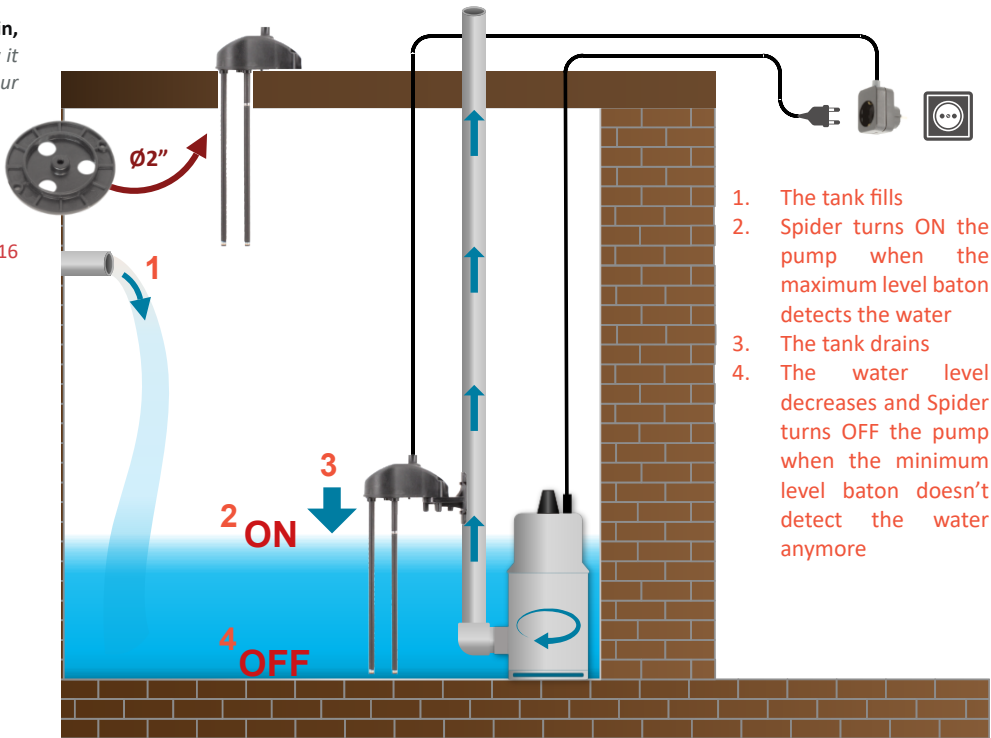
NARROW SPACES







Spider

The rods attached to the body allow the level regulator to work in narrow spaces and in difficult environments with turbulent waters.

Suitable for level monitoring in facilities of clear, rain, industrial and chemical waters. In case of necessity it is possible to cut the batons to adapt the Spider to your own application

- Casing: Polypropylene
- Grommet: TPE
- Factory delay time: start 0" / stop 0"
- Adjustable time: start / stop = 1" ÷ 120"
- Lengths of batons: Stainless Steel AISI 316 min.50 max. 250/500/750

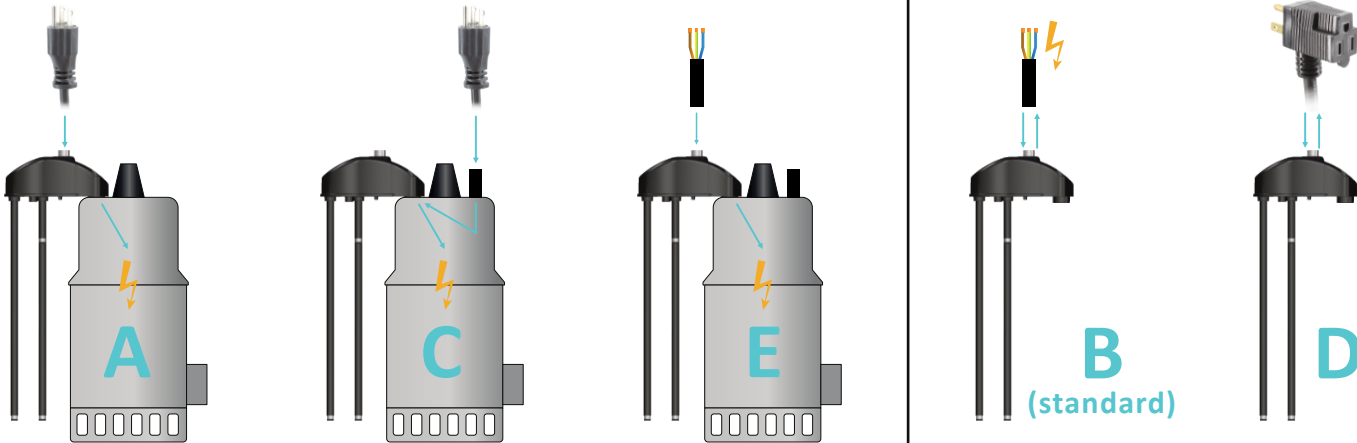


					
SPIDER A-00B-SPST	SJOW 4AWG16	3 / 20 / 30 (ft)	250Vac 10A / 250Vac 1HP / 125Vac ½HP		
SPIDER A-00B-SPST-012	SJOW 4AWG16	3 / 20 / 30 (ft)	12/24Vac/dc 1A		
SPIDER A-02D-SPST	SJOW 4AWG14 +PIGGYBACK PLUG	15 / 33 (ft)	125V ½HP		
SPIDER A-03C-SPST	/	/	250Vac 10A / 250Vac 1HP / 125Vac ½HP		
SPIDER A-03C-SPST-012	/	/	12/24Vac/dc 1A		
SPIDER-A-03A-SPST	SJOW 4AWG14 +PIGGYBACK PLUG	3 / 20 / 30 (ft)	250Vac 10A / 250Vac 1HP / 125Vac ½HP		
SPIDER A-03A-SPST-012	SJOW 4AWG14 +PIGGYBACK PLUG	3 / 20 / 30 (ft)	12/24Vac/dc 1A		
SPIDER-A-03E-SPST	SJOW 4AWG16	3 / 20 / 30 (ft)	250Vac 10A / 250Vac 1HP / 125Vac ½HP		
SPIDER A-03E-SPST-012	SJOW 4AWG14	3 / 20 / 30 (ft)	12/24Vac/dc 1A		

max.+50°C
(+122°F)

max.10m
(32,8ft)

SOLUTIONS FOR PUMP MANUFACTURERS



Accessories



115mm

145mm



Bamboo

Exclusive accessory for Olympic and Fox float switches.

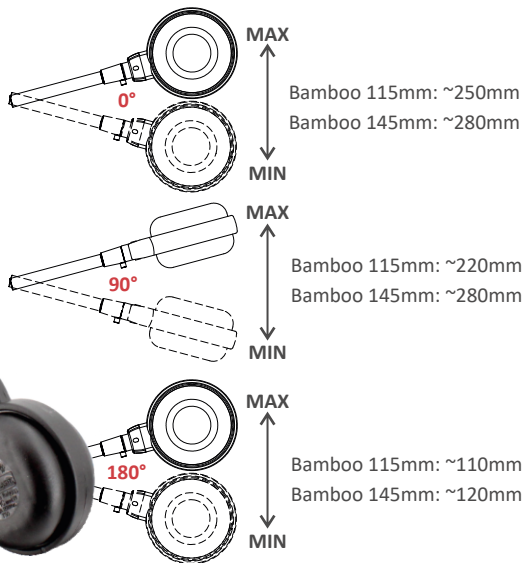
It is ideal for applications in turbulent waters as it prevents the entanglement of the cable, so the float switch can work properly. It can be used also in narrow spaces, and in sewage and industrial waters.

Available in two sizes: 115mm and 145mm

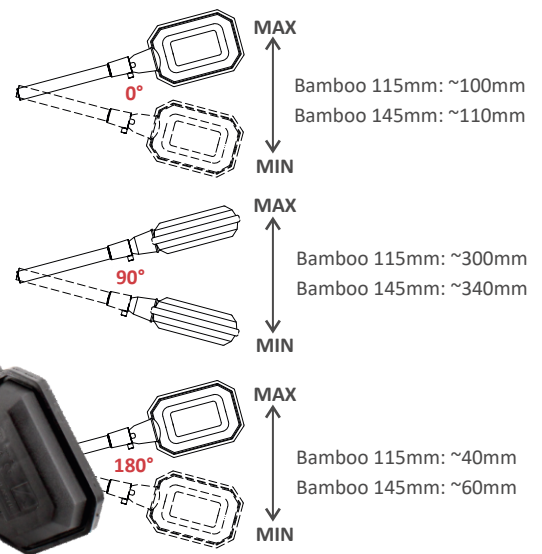
Special versions available for pump manufacturers.

- **Casing:** Nylon
- **Cable Section:** Ø7-9mm
- **Screws:** Stainless Steel AISI 304

OLYMPIC



FOX

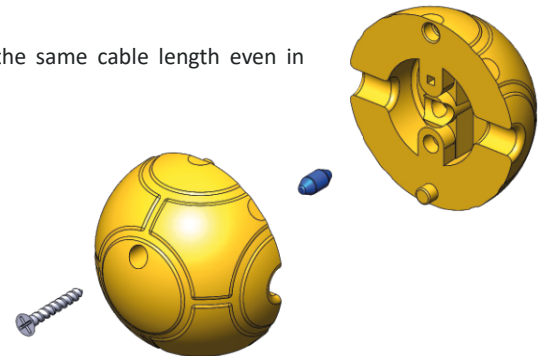


Shell

New Revolutionary Counterweight 230g

It allows the float switch to work always with the same cable length even in turbulent waters avoiding damages to the cable.

- Easy to install
- Adaptable to different cables: Ø7-9 mm
- For Universal floats
- Ecological for drinking water
- **Casing:** Polypropylene
- **Weight:** 230g
- **Cable Section:** Ø7-9,5mm
- **Strain Relief:** TPE
- **Screws:** Stainless Steel AISI 304



Starfish 9mm
Starfish 9,5mm



Starfish

For fixing the float switch to every type of tube and to protect the cable against the deterioration that weight and wave motions could cause.

- **Casing:** Nylon
- **Grommet:** TPE
- **Screws:** Stainless Steel AISI 304



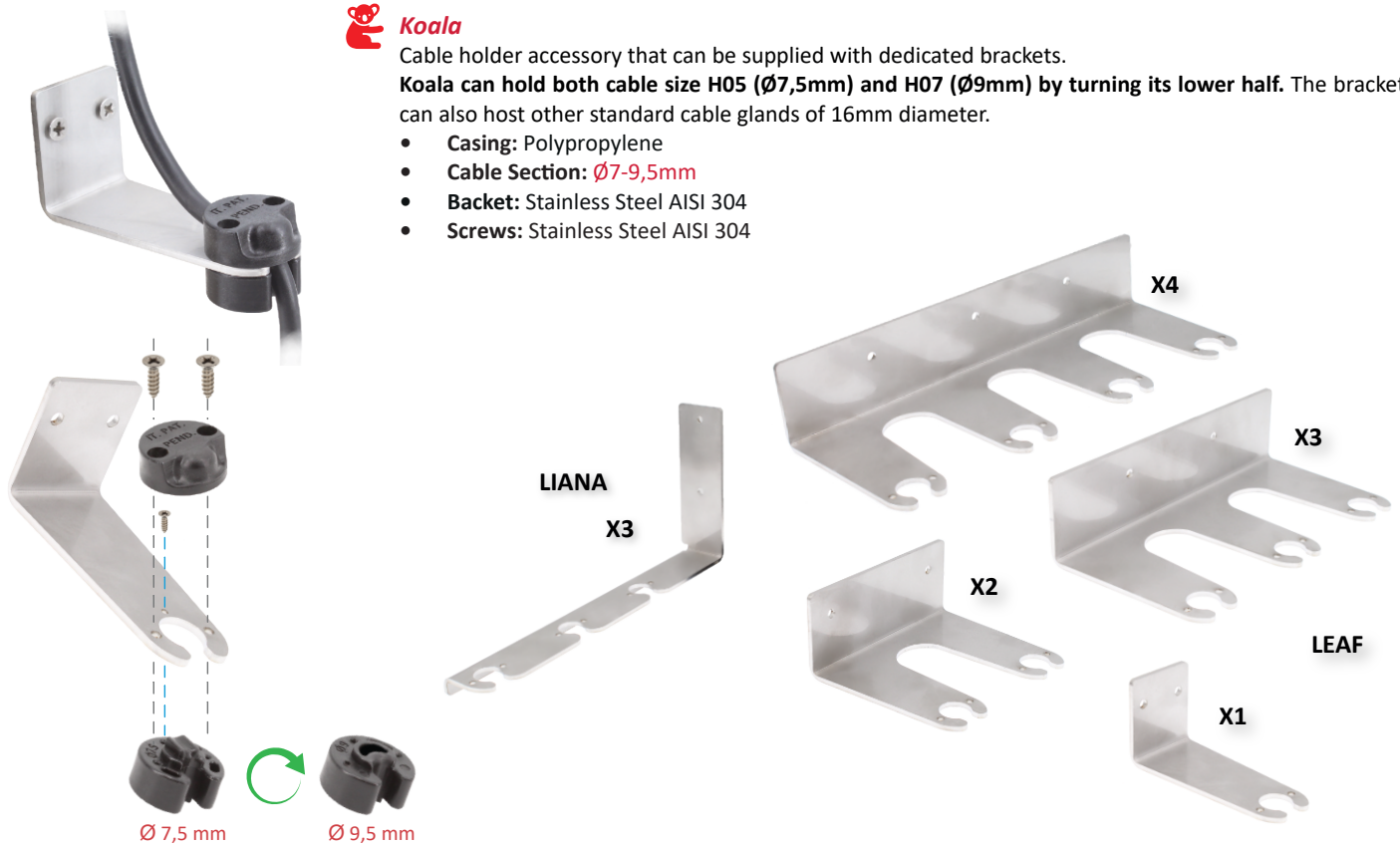


Koala

Cable holder accessory that can be supplied with dedicated brackets.

Koala can hold both cable size H05 (Ø7,5mm) and H07 (Ø9mm) by turning its lower half. The bracket can also host other standard cable glands of 16mm diameter.

- **Casing:** Polypropylene
- **Cable Section:** Ø7-9,5mm
- **Bracket:** Stainless Steel AISI 304
- **Screws:** Stainless Steel AISI 304



Level Probes

Totally manufactured with no-toxic material according to the ACS legislation. intended for **permanent usage in potable water**.

For tanks and deep wells.

With Stainless Steel AISI 303 electrode, it is supplied in two different versions:

- for clear water
- for waste water

- **Casing:** Polypropylene
- **Electrode:** Stainless Steel AISI 303
- **Wire section:** max Ø 2,5 ÷ 3,5 mm²
- **Depth:** max.10m (32,8ft)



3 Poles Techno Connector - 5 Poles Techno Connector

It allows a safe junction between two cables to replace traditional shrink sleeves or insulating tapes.

It is supplied in two different versions:

- 3 poles
- 5 poles

- **Cable:** 7 mm ÷ 12 mm
- **Wire:** 0,5 mm² ÷ 1,5 mm²
- **Max Screw Torque:** 2,5Nm
- **Power Supply:** max.16A 250V - 400V
- **Casing:** PA66GF UL94 V0 GWT 960°C
- **Strain Relief:** PBT UL94 V0
- **Depth:** max.10m - 32,8ft
- **Temperature:** max.+125°C (+257°F)
- **Protection Grade:** IP 68
- **Certification:** EN60529:1991+A1:2000 / EN60998-1:2004 / EN60998-2:2004





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