



The Real Made in Italy

Quality
Passion
Innovation

Our Philosophy
Your Satisfaction

25 YEARS
BROCHURE

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 and also thermoplastic moulds for third parties. 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, 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...

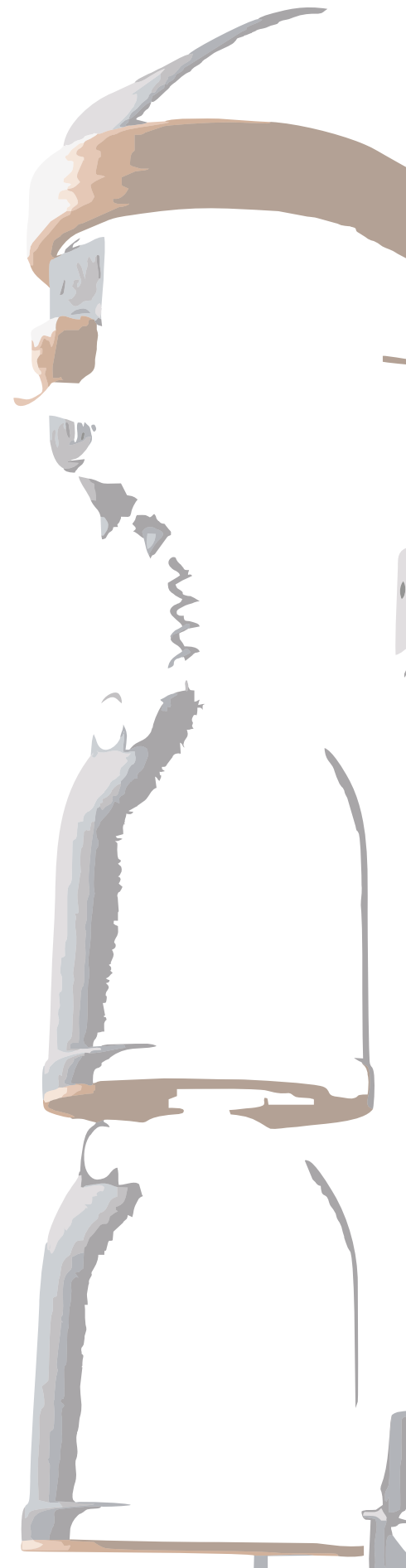
OUR FLOAT SWITCHES BOAST THE FOLLOWING QUALITIES:

- 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 cables: no PVC
- wide range of products for different applications, from domestic to professional

OUR FILTERS BOAST THE FOLLOWING QUALITIES:

- plastic materials designed to last over time and suitable for every application
- resistance to high pressure
- anti-water hammer
- embedded patented anti water hammer, to avoid excessive pressure from damaging systems and filters
- patented intermediate joint to join two or more filters together
- suitable materials for drinking water

100% designed and produced in our headquarter close to Venice



IMPORTANT NOTES ON THE CHOICE OF FLOATING SWITCHES

When ordering please specify one of the following types of function:

attention: *electronic level regulators Crab, Spider and Snake are 1 function only (empty as standard, filling on request)*

single function 3G1 - 3G0,75: it can be only **emptying** (standard, if not specified) or filling, and **it cannot be changed** once the float has been produced

double function 3X1 - 4G0,75 - 4G1: it can be **emptying or filling** but **it can be changed** when connecting to electrical system

SPECIAL CABLES

on request: **RN8-F - Oil Resistant - VVF (PVC) and many others**

Electronic Regulators

FLOOR SENSOR



Crab

Resting on a flat surface, it remains anchored to the bottom, allowing it to detect the presence of water on the floor. 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 Schuko Piggyback Plug (accessory sold separately) it can be connected directly to a pump without using a control panel. Suitable for level monitoring in facilities of clear, storm water, industrial and chemical waters.

- **Neoprene Cable: H05 RN-F 4G0,75 Ø 7,2mm (only 1 function)**
- Available lengths of cable: 5m - 10m
- Power supply (3 versions available): 230Vac 50/60Hz or 110Vac 50/60Hz or 12/24 Vdc - Vac
- Maximum electricity: 5 A
- **Factory delay time: start 5" - stop 30"**
- Adjustable start and stop delay time: min 1" - max 120"
- Working Temperature: max. +50°C
- Max depth: 10m (32,8ft)
- Protection Grade: IP 68
- **Patented - European Registered Design**



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

- **Neoprene Cable: H07 RN-F 4G1 Ø 9,8mm (only 1 function)**
- Available lengths of cable: 5m - 10m
- Power supply (3 versions available): 230Vac 50/60Hz or 110Vac 50/60Hz or 12/24 Vdc - Vac
- Maximum electricity: 10 A
- **Factory delay time: start 0" - stop 0"**
- Adjustable start and stop delay time: min 1" - max 120"
- **Variable lengths of batons in Stainless Steel AISI 316: min.50 max. 200/500/750**
- Working Temperature: max. +40°C
- Max depth: 10m (32,8ft)
- Protection Grade: IP 68
- **Patented - European Registered Design**



Spider flanged support to install the Spider on lids of tanks by a hole of 2"

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. 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 Schuko Piggyback Plug (accessory sold separately) it can be connected directly to a pump without the need of a traditional control panel. Suitable for level monitoring in facilities of clear, rain, industrial and chemical waters.

- **Neoprene Cable: H07 RN-F 4G1 Ø 9,8mm (only 1 function)**
- Available lengths of cable: 5m - 10m
- Power supply (3 versions available): 230Vac 50/60Hz or 110Vac 50/60Hz or 12/24 Vdc - Vac
- Maximum electricity: 10 A
- **Factory delay time: start 5" - stop 30"**
- Adjustable start and stop delay time: min 1" - max 120"
- Working Temperature: max. +40°C
- Max depth: 10m (32,8ft)
- Protection Grade: IP 68
- **Patented - European Registered Design**



Level Probe

Totally manufactured with no-toxic material according to the ACS legislation. Suitable for **food industry** and 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



Float Switches



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.

Mouse requires periodic check-ups of its parts.

- Neoprene cable: H07 RN-F 3G1 Ø 8,8mm (1 func.) - H05 RN-F 3x1 Ø 7,5mm (2 func.)
- Maximum Power Supply: 10(8)A 250V - **(10(10)A 250V upon customer request)**
- **Variable lengths of the shaft** 200 (PET); 250 - 500 - 750 (AISI 316); 10.000 (FILO per misura da 1 a 10m)
- **Manual/Automatic switch**
- **Accordion** to avoid that dirty enters in the chamber of the magnet and damages the mode of operation
- Different accessories for connections are available
- Maximum depth 15m (49,2ft)
- Temperature 50°C (+122°F)
- **Patented**



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.

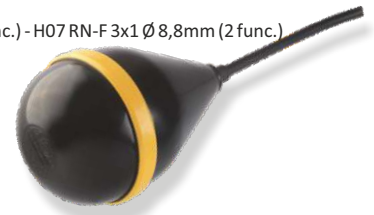
- Neoprene cable: H07 RN-F 3x1 Ø 8,8mm (2 func.) - H05 RN-F 3x1 Ø 7,5mm (2 func.)
- Maximum Power Supply: 10(8)A 250V
- Internal counterweight
- Flip it over in every condition
- Activation angle 20°
- Specific weight **0,95 - 1,05 kg/dm³**
- Maximum depth 20m (65,6ft)
- Temperature 50°C 50°C (+122°F)
- **Patented**



Flotec

Double chamber float switch for extreme applications where a major buoyant force is required. Ideal for heavy-duty applications, for level regulation of facilities sewage and industrial waste waters, and for pumping stations.

- Neoprene cable: H07 RN-F 3G1 Ø 8,8mm (1 func.) - H07 RN-F 3x1 Ø 8,8mm (2 func.)
- Maximum Power Supply: 10(8)A 250V
- Activation angle 45°
- Maximum depth 20m (65,6ft)
- Temperature 50°C (+122°F)



Olympic 03

Float switch with activation angle of 20° for overflow alarm. Olympic 03 comes with Bamboo

- Neopren cable: H07 RN-F 3G1 Ø 8,8mm (1 func.)
- Maximum Power Supply: 10(8)A 250V
- Activation angle 20°
- Maximum depth **20m (65,6ft)**
- Temperature 50°C (+122°F)



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.

- Neoprene cable: H07 RN-F 3G1 Ø 8,8mm (1 func.) - H07 RN-F 3x1 Ø 8,8mm (2 func.) - H05 RN-F 3x1 Ø 7,5mm (2 func.)
- Maximum Power Supply 10(8)A 250V
- Activation angle 45°
- Maximum depth **40m (131ft)**
- Temperature 50°C (+122°F)



GENERAL PURPOSE

Olympic

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

- Neopren cable: H07 RN-F 3G1 Ø 8,8mm (1 func.)
- Maximum Power Supply: 10(8)A 250V - **(10(6)A 400V upon customer request)**
- Activation angle 45°
- Maximum depth **20m (65,6ft)**
- Temperature 50°C (+122°F)



Fox



Suitable for water pumps and professional plumbing systems automation.

- Neoprene cable: H07 RN-F 3G1 Ø 8,8mm (1 func.) - H05 RN-F 3x1 Ø 7,5mm (2 func.)
- Maximum Power Supply: 10(8)A 250V
- Activation angle 45°
- Maximum depth 10m (32,8ft)
- Temperature 50°C (+122°F)



HYDRAULIC REGULATOR

Quick Stop Adjustable

Suitable for filling storage tanks or cisterns

- Connections: 1" - 3/4" - 1/2"
- Service Pressure: 0,2 - 6 bar (2,9 - 87 psi)
- Temperature 50°C (+122°F)



Special Versions

EXPLOSIVE AMBIENTS - II(1)G [Ex ia] IIC T6 - 2010 ATEX 2328

Taurus-Ex

Suitable in potentially explosive environments. Suitable for level regulation in drainage plants, pumping stations and dirty water systems.

- Neoprene cable H05RN-F 4G0,75 (RN8-F mix) Ø 8,8mm (2 func.) - Oil Resistant H07 RN-F 3G1 Ø 8,8mm (1 func.) - Shielded cable in ÖLFLEX® PETRO 4G1 Ø 8,8mm (2 funzioni)
- Power supply max 4-40 Vac / max 100 mA
- EPDM grommet (Viton with Olflex cable)
- Temperature 80°C (+176°F)



Shielded cable in ÖLFLEX® PETRO

Suitable in slime and mud, oil, esters drilling; solutions of calcium bromide; lubricants based on mineral oil; diluted acids, aqueous alkaline solutions and other chemicals; onshore and offshore drilling; supply ships.

Supertec-Ex

Suitable in potentially explosive environments. Suitable for level regulation in drainage plants, pumping stations and dirty water systems.

- Neoprene cable H05RN-F 4G0,75 (RN8-F mix) Ø 8,8mm (2 func.) - Oil Resistant H07 RN-F 3G1 Ø 8,8mm (1 func.) - Shielded cable in ÖLFLEX® PETRO 4G1 Ø 8,8mm (2 funzioni)
- Power supply max 4-40 Vac / max 100 mA
- EPDM grommet
- Temperature 80°C (+176°F)



DRINKING WATER AND LIQUID FOOD

Mouse-Drink - Taurus-Drink - Supertec-Drink - Fox-Drink

Totally manufactured with non-toxic material suitable for food industry and intended for permanent usage in potable water, that is: water mains, drinking water fountains, drinks and foodstuffs, aquarium, fish farms, swimming pool.

- Cable ACS 3X1 - Ø 8,8mm (2 func.)
- Megol grommet
- EPDM Mouse Accordion
- Temperature 40°C (+104°F)

ACS certified

ACS certified

ACS certified



CHEMICAL ENVIRONMENTS

Mouse-Fep - Taurus-Fep - Flotec-Fep

Suitable for immersion in hydrocarbons, medical and scientific facilities, water purification plants, air conditioning plants.

- Teflon cable 4G0,75 - Ø 8,8mm (2 func.)
- Viton grommet
- Viton Mouse accordion
- Temperature 80°C (+176°F)



HIGH TEMPERATURES

Mouse-HT - Taurus-SiHF - Fox-G06 - Fox-G09

- Cable: Taurus-SiHF silicon cable 4G1,5 - Ø 8,8mm (2 func.) - Mouse-HT, Fox-G06, Fox-G09 H07 RN8-F 3G1 Ø 8,8mm (1 func.)
- Temperature: Mouse-HT, Taurus-SiHF: 80°C (+176°F) - Fox-G06, Fox-G09: 70°C (+158°F)



2HP 10(10)A 250V

3HP 16(10)A 250V

New

New

ABRASION

Mouse-Pur - Taurus-Pur

It is highly resistant to abrasion and tear and suitable for immersion in cutting fluids and coolant. Ideal for use on industrial machinery and in installation plants.

- Polyurethane cable: Mouse 3G0,75 - Ø 7mm (1 func.); Taurus 4G0,75 - Ø 8,8mm (2 func)
- Forprene Mouse grommet; Viton Taurus grommet
- Viton Mouse accordion
- Temperature 80°C (+176°F)





TRANSPARENT FILTERS

Dolphin

New completely redesigned line of plastic filters totally manufactured with **non-toxic material** according to the ACS legislation. Intended for permanent usage in potable water. Thanks to the new joint, it is possible to connect several filters in sequence. *Filters are delivered already assembled, key tool included.*

- 3 pieces: head, threaded ring and glass
- Head in Polypropylene
- Glass in transparent SAN 5" or PET 10"
- Temperature: max. 45°C (113°F)
- Pressure: max. 8 bar (116 psi)
- Available connections: brass 3/4" or 1" - plastic 3/4" or 1"
- **Patented - European Registered Design**



Filters



TRANSPARENT FILTERS WITH ANTI WATER HAMMER

Whale

New completely redesigned line of plastic filters totally manufactured with **no-toxic material** according to the ACS legislation. Intended for permanent use in **drinking water**. **Built-in anti water hammer** to prevent possible over-pressures that can damage the filters. Thanks to the new joint, it is possible to connect several filters in sequence. *Supplied with water collection bag, filters are delivered already assembled, key tool included.*

- 3 pieces: head, threaded ring and glass
- Head in Polypropylene
- Glass in transparent SAN 5" or PET 10"
- Temperature: max. 45°C (113°F)
- Pressure: max. 8 bar (116 psi)
- Available connections: brass 3/4" or 1" - plastic 3/4" or 1"
- **Patented - European Registered Design**



Built-in anti water hammer



ANTI UV FILTERS

Blue Dolphin - Blue Whale

Anti UV version to prevent that ambient light reaches the water inside the filter, thereby **blocking** the proliferation of **algae and bacteria**.

Thanks to the new joint, it is possible to connect several filters in sequence. *Filters are delivered already assembled, key tool included.*

- 3 pieces: head, threaded ring and glass
- Head in Polypropylene
- Glass in blue polypropylene - 5" or 10"
- Temperature: max. 45°C (113°F)
- Pressure: max. 8 bar (116 psi)
- Available connections: brass 3/4" or 1" - plastic 3/4" or 1"
- **Patented - European Registered Design**



Blue Dolphin

Blue Whale



FILTERS FOR CHEMICAL LIQUIDS

Chemical Dolphin

Chemical liquids version. Ideal for drinking water, and for industrial, chemical and hospital sector.

- 3 pieces: head, threaded ring and glass
- Head in Polypropylene
- Glass in transparent PA - Trogamid 10"
- Temperature: **max. 45°C (113°F)**
- Pressure: max. 8 bar (116 psi)
- Available connections: plastic 3/4" or 1"
- **Patented - European Registered Design**



Chemical Dolphin



HOT WATER FILTERS

Red Dolphin

Hot water version

- 3 pieces: head, threaded ring and glass
- Head in Nylon
- Glass in red Nylon - 5" or 10"
- Temperature: **max. 80°C (176°F)**
- Pressure: max. 8 bar (116 psi)
- Available connections: brass 3/4" or 1"
- **Patented - European Registered Design**



Red Dolphin

Special Versions

Polypropylene bracket to fix the Mouse to the tube or to the wall



straight fixing or 90°

Accessories

Stainless Steel bracket AISI 304 to install the Mouse on submersible pumps or 4" and 5" submerged pumps



Threated support to install the Mouse on lids of tanks by a thrited hole of 2"



Flanged support to install the Mouse on lids of tanks by a hole of 2"

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.



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: Ø 7 - 9 mm
- For Universal floats
- Ecological for drinking water and food use

Fixing Kit

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.

- Taurus - Flotec - Supertec



Fixing Kit H07

Fixing Kit H05



Fixing Kit Drink

Fixing Kit Viton

New



3 Poles Techno Connector - 4 Poles Techno Connector

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

- 3 or 4 Poles
- For cables with diameter from 7mm to 12mm
- Power supply 16A 250V - 400V
- Maximum depth 10m
- Temperature 125°C



Schuko Piggyback Plug

Provided with the float allows to connect a pump, without a switch, directly to an electrical socket controlling the start and stop function.

- Power supply 16A 250V
- IP 20

Stainless steel mesh cartridge AISI 316L

Filtering solid particles down to 144µ (10"-5") or 50µ (10") Intended for use in permanent drinking water

Melt blown cartridge

Filtering solid particles down to 5µm. max 75°C (167°F)

Wound yarn cartridge

Filtering solid particles down to 20µ

Wound yarn cartridge with activated carbons

2 in 1 cartridge, double filtering function ideal to be used when there is not enough space to install two filters. Filtering solid particles down to 20µm.

Activated carbons cartridge

Ideal for filtering potable water, also for domestic use, and water containing chlorine. It is usable also in food sector, pre-filters and reverse osmosis filters. To remove bad taste and bad smell.

Polyphosphate cartridge

Keeps the limescale in suspension to avoid its deposit on the plumbing pipe taps and electrical appliance and keeps them free from scale



New



New



Polybox 15 - 05

Polyphosphate recharge jar 1,5 or 0,5 Lt
Polybox 15 - 1,5 Lt - recharge for 2 Polyphosphate cartridges 10" or 4 5"
Polybox 05 - 0,5 Lt - recharge for 1 Polyphosphate cartridge 10" or 2 5"



Blue or Red Wall Support

Plastic Support to hang the filter on the wall



Blue or Red Tool for Filter

Tool to screw or loosen the filter casing without effort



Filter O-Ring

O-Ring for filter 88,27X5,34 NBR 70



Seal Kit Cartridges gaskets' kit



Teflon

Teflon tape rolls to seal the fittings perfectly in order to avoid water leakages



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