

ECO.3 SERIES FLOAT LEVEL SWITCHES

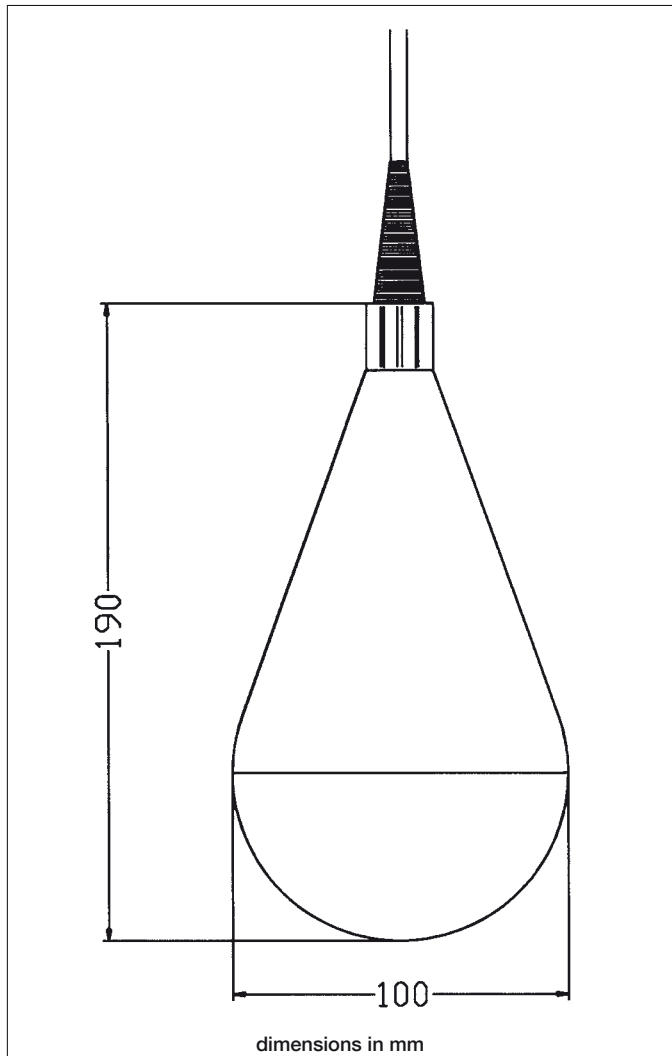
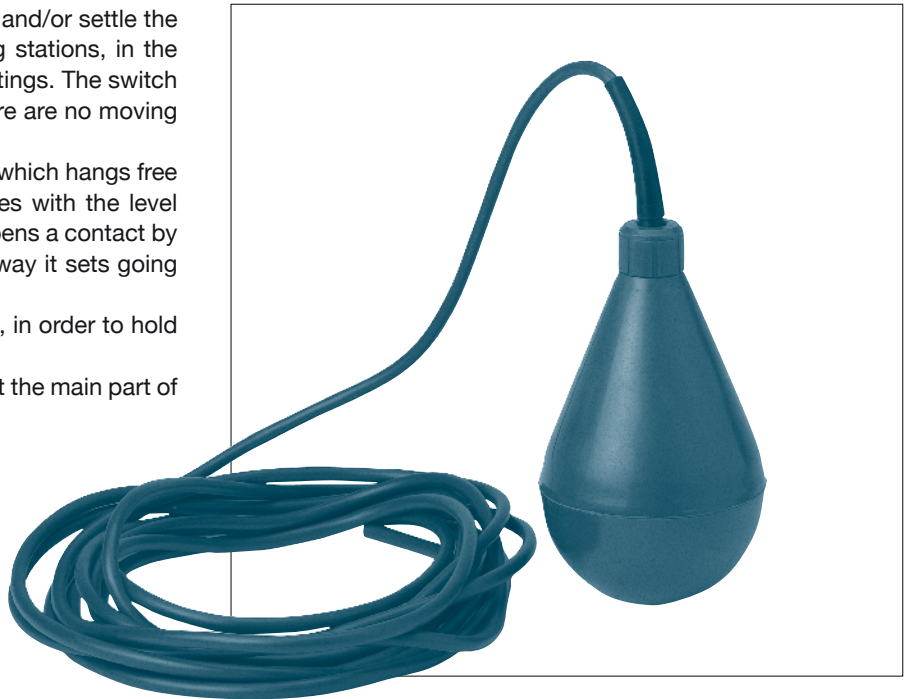
Eco.3 level switch is reliable solution to check and/or settle the level of the liquid in the drain water's heaving stations, in the sewer water pumping station or industrial wastings. The switch doesn't require any maintenance because there are no moving parts.

The switch is contained in a propylene casing which hangs free on another cable at the needed height. It goes with the level variations of the liquid, therefore it closes or opens a contact by changing position (vertical/horizontal), in this way it sets going a signal or a pump.

A zinc counterweight is eccentrically mounted, in order to hold the level regulator in the right position.

Eco.3 level switch assures a good resistance at the main part of the chemical agents.

Differential: ~ 45 mm.



- The electrical cable is fixed inside the tank or by employing the proper hooks and redances.
- The height of the switch determined the set point.
- For starting and stop of each pump, no. 2 Eco.3 level switches should be employed.
- For use in potentially explosive atmospheres an Ex ia IIC T6 version is available.

TECHNICAL CHARACTERISTICS

Operating temperature	min. 0 °C; max. 60° C
Depth of immersion	max. 20 mt
Operating pressure	max 2 bar
Specific gravity of the liquid	from 0.95 up to 1.10 kg/dm ³ (if requested we can supply versions for lower or higher specific gravity).
Contact	n° 1 SPDT
Power of interruption	250 V 10A a.c. = resistive load; 250 V 4A a.c. = inductive load; cosφ = 0,5/30 V 5A d.c.
Weight	1,15 kg (with no. 6 mt. of cable)
Electrical cable type	PVC 3x0,75 mm ²
Lenght	6-20 m

EMPLOYED MATERIALS

Body	Socket joint of cable protection	Cable
Polypropylene	Rubber EPDM	Special composed PVC

ELECTRICAL CONNECTION	Connected for emptyng	Connected for filling
<p>The level switches normally are connected to an auxiliary circuit to low tension. Typically two switches for the function of start/stop pump use themselves.</p> <p>Outline A) Connecting the blue and black conductors, isolating the brown conductors</p> <p>Outline B) To connect the blue conductors and brown, to isolate the black conductor.</p>		

HOW TO ORDER

- ECO3-A Standard version with no. 6 mt. of cable
- ECO3-B Standard version with no. 20 mt. of cable

Furthermore precise: fluid, specific gravity, temperature and operating pressure.