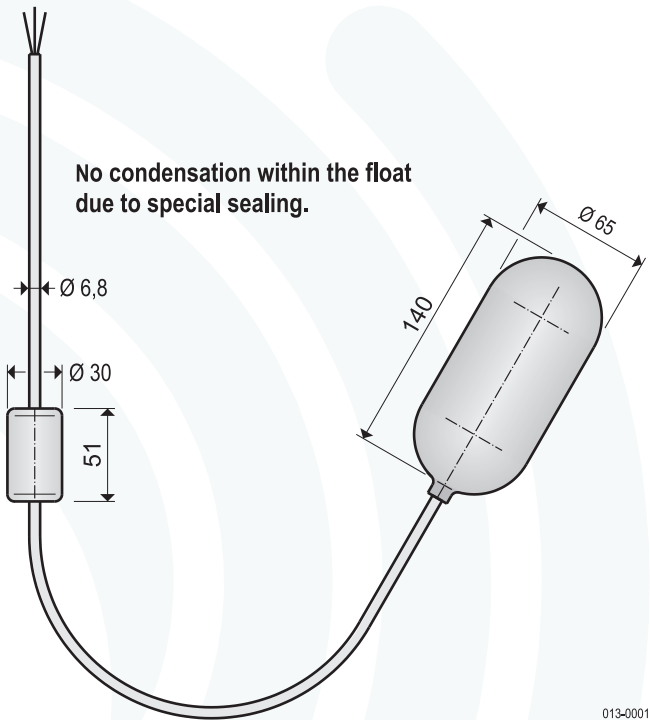


Appliance information

The float switch TA is a level limit switch that act as control of the filling level of liquids in tanks and containers.

Dimensions



Design

A micro switch is installed within the absolute tight and oval housing made of ABS. The switch is operated by a ball that runs in a cylindrical cage over two baffle plates.

Use

With the float switch MOLOSswim TA the level of liquids can be easily indicated or monitored.

It can be used as contact mechanism for a minimum, maximum, filling or discharging signal or for protection against run-dry or over flow.

The float switch can be installed in the bin with a screw connection or insert from the top in open bins.

In the case of insertion from the top the definition of switching points is carried out with a sinker.

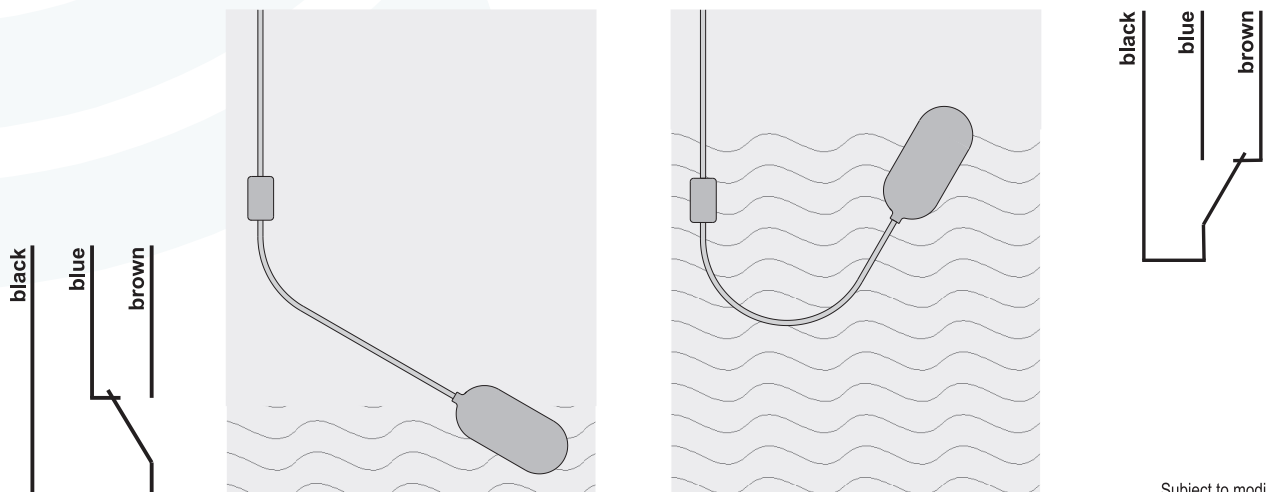
Mode of operation

At a certain inclined position the ball overcomes the baffle plate and rolls to the lower end position. At the same time the switch is either activated or deactivated.

Technical data

Materials	Housing	ABS, grey
	Cable	PVC, green
	Sinker	Stainless steel 1.4305 / 303
Temperature range	Ta	-5 °C ... +60 °C
Signal contact	Contact	potential-free change-over contact
	Switching capacity	4 A / 250 V AC
	Switching voltage	24 V...250 V AC or 12 V...125 V DC
Protection class	IP	IP68 acc. DIN EN 60529
Cable		3x1 mm ² \varnothing 6.8 mm
Cable length	TA - 02	2 m
	TA - 05	5 m
	TA - 10	10 m
	TA - 20	20 m
Weight	Float	345 g
	Sinker	250 g
Uplift		0.5
Maintenance		none

Wiring connection



Subject to modification

