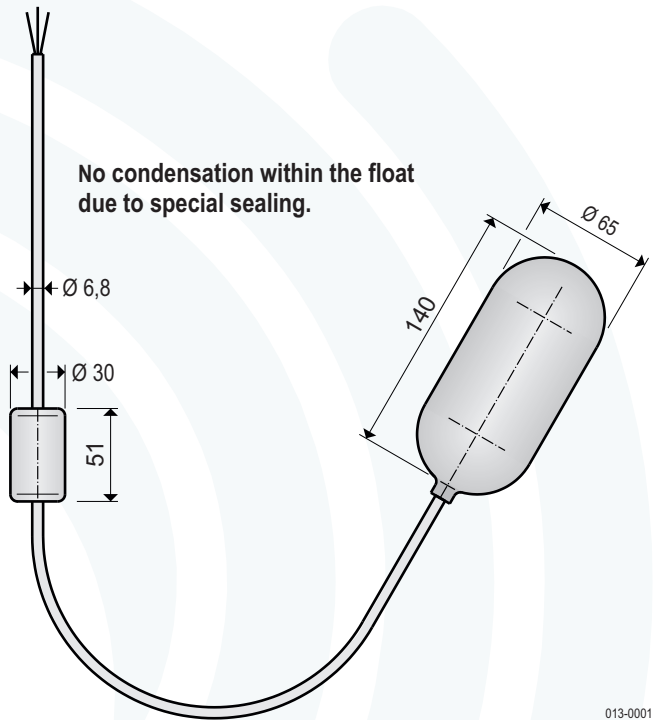


## Appliance information

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

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

### Wiring connection

