

## Floated switch LP – 30



### Usage

Switch is designed for signaling or for regulating of level of liquids (MAX. - MIN.) in pressure and non pressure vessels in energetic, chemical and food industry, etc.

Measured media could be water, condensates, oils, aggressive compounds and many others.

### Description

The float is lead inside subsidiary chamber, which is fixed from external side of vessel either directly to the vessel or by pipes eg. In case of high temperature of measured liquid or when the level is turbulent because of presence of stirrer or due to spatial reasons.

The float is equipped with permanent magnet by which movement is made the opening or closing of contact. Terminal box of switch is built in massive shell. We recommend to protect contacts as usual for capacity or inductive loading.

### Technical parameters

<b>Max. operating pressure for stainless steel:</b>	2,5 MPa
<b>Loading of contacts:</b>	25 W
<b>Max. tension:</b>	250 V AC, 200 V DC
<b>Max. closing power:</b>	0,8 A
<b>Provozní teplota:</b>	- 40 to + 140°C
<b>Density of measured media:</b>	≥ 0,7 g/cm <sup>3</sup>
<b>Coverage:</b>	IP 55
<b>Type LP 31:</b>	Contact is opened with overflowing of float
<b>Type LP 32:</b>	Contact is closed with overflowing of float
<b>Material design of parts in contact with media</b>	stainless steel, eventually polypropylene.
<b>Method of connection:</b>	flanges, thread, sockets for welding, etc.
<b>Ex version is possible to design according to customer's request and the same with different technical parameters</b>	

## Material design

Material design of parts in contact with media is stainless steel, eventually polypropylene. Method of connection - flanges, thread, sockets for welding, etc. and the same with different technical parameters. Ex version is possible to design according to customer's request.

## Ordering

For the supply is necessary to give this information:

- Kind of media
- Concentration in %
- density
- viscosity
- temperature
- pressure
- standard inside diameter DN and standard pressure PN of connecting flanges or any other connection