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**LVFS series - Float switches**

Float switches for automation of electrical equipment - pumps, solenoid valves, alarms, motorised sluice gates, etc. They feature an internal changeover contact operated in accordance with the level of liquid where the float is located. Cables used are high-quality and offer excellent mechanical and chemical resistance over time.

- Relay with changeover contact 10A 250 VAC 50/60Hz
- Compliant with standards: TUV, IEC/EN 60730-1, IEC/EN 60730-2-15.

type	activation angle	cable length	supplied with counterweight	max. pressure	description
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**For grey water (IP68)**

Used for civil and industrial control of levels of grey water, e.g. rainwater, groundwater or cooling water from industry.

- PVC cable
- The MIN and MAX levels can be adjusted by varying the distance between counterweight and float.
- Changeover contact permits selection of filling and emptying function during regulator wiring.

<b>LVFSP1W05</b>	45°	5 met	yes	3 bar	float level switch for grey water
<b>LVFSP1W10</b>	45°	10 met	yes	3 bar	float level switch for grey water
<b>LVFSP1W15</b>	45°	15 met	yes	3 bar	float level switch for grey water



LVFSP1W05

**For drinking water (IP68)**

These float switches are suitable for drinking water and foodstuff applications such as aquaducts, fountains, aquariums, drinks, fish hatcheries, swimming pools, etc. Realised with a non-toxic polypropylene outer shell, a stainless steel untreated sphere, and an AD8 cable with health certification ACS (*Attestation de Conformité Sanitaire*) outer sheath in PVC suitable for drinkable water immersion and use with food products.

- PVC cable ACS + AD8 certified
- Provided with stainless steel counterweight (AISI 316)
- The MIN and MAX levels can be adjusted by varying the distance between counterweight and float.
- Changeover contact permits selection of filling and/or emptying function during regulator wiring.

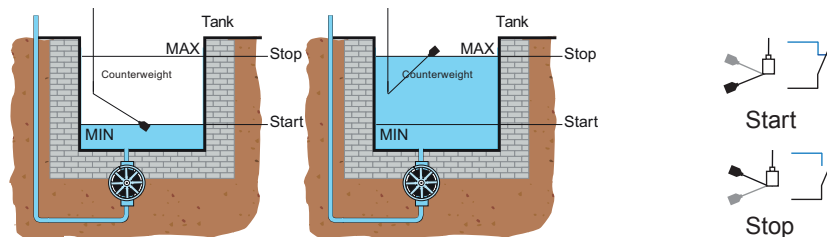
<b>LVFSA1D05</b>	30°	5 met	yes (AISI 316)	2 bar	float level switch for drinking water
<b>LVFSA1D10</b>	30°	10 met	yes (AISI 316)	2 bar	float level switch for drinking water
<b>LVFSA1D15</b>	30°	15 met	yes (AISI 316)	2 bar	float level switch for drinking water



LVFSA1D10

**Example: Filling function for LVFS series**

The level regulator contact closes the lower circuit at minimum level and opens the circuit when the float reaches the upper maximum/minimum level level.



**For dirty water (IP68)**

For civil and industrial control of dirty water levels, e.g. sewage or waste water from industry. Made of one-piece blow-moulded external polypropylene casing, with fixed internal counterweight located in the cable exit area. The regulator contact is positioned centrally in its own watertight chamber, insulated from external casing by injected closed-cell foam.

- Level control usually performed using two float switches, one for MIN. and another for MAX. levels
- Cable H07 RN-F3X1 (*Neoprene*)

<b>LVFSN1B05</b>	15°	5 met	yes ( <i>internal</i> )	5 bar	float level switch for dirty water
<b>LVFSN1B10</b>	15°	10 met	yes ( <i>internal</i> )	5 bar	float level switch for dirty water
<b>LVFSN1B15</b>	15°	15 met	yes ( <i>internal</i> )	5 bar	float level switch for dirty water



LVFSN1B05