



# Technical Data

## Magnetic Float Switch

Typ: **MAA-713 LSS 0499**Art.-No.: **6816105132\_01**

### Mechanical Data

terminal box material	GK-AISI12 (3.2581.02)
switching tube material	X 6 CrNiMoTi 17 12 2 (1.4571)
float material	POM
-density	about 0,7 g/cm <sup>3</sup> ±10%
-immersion depth	18 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
adjusting ring material	X 6 CrNiMoTi 17 12 2 (1.4571)
gasket material	NBR
temperature range	from -5 °C to +60 °C
fluid temperature	from -5 °C to +60 °C
mech. lifetime	10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load
mode of connection	connection block inside the terminal box
protection class	IP 65 acc. to DIN VDE 0470 T1 (ICE 529 / EN 60529)
max. pressure	10 bar

### General details

Reproducibility of switching points is ±0.05mm based on the same geometrical conditions as of a switch device.

The measures of the switching points refer to a fluid-tight of 1 g/cm<sup>3</sup>.

The tolerance of the switching points is ±2 mm.

Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!

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