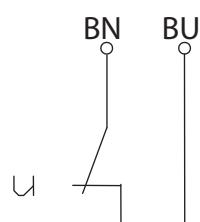
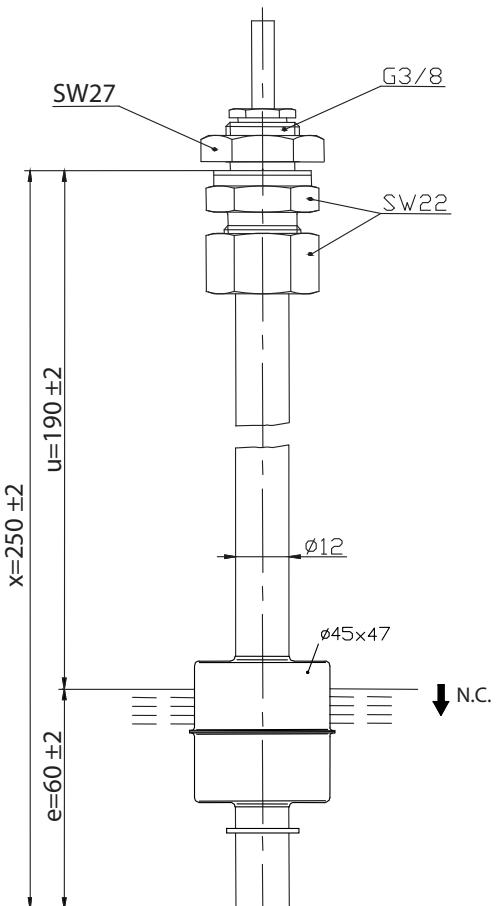
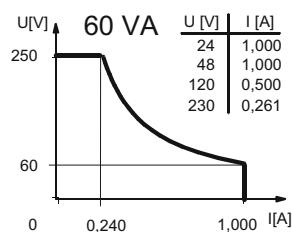


Float switch

Series Standard-Float switch

Description **MAP-711 LAS 0250**Article number **6816222009**

Wiring diagram
(non-actuated state)

**Performance diagram****Electrical data**

Rated voltage	U_r	250 V
max. switching current		1,0 A
max. switching capacity		60 VA
min. switching capacity		3 VA
Rated insulation voltage	U_i	300 V AC
Rated impulse withstand voltage	U_{imp}	4 kV AC
Overvoltage category		II
mechanical life		10^7 to 10^9 switches depending on the load
Switching element		1 N.C., falling level
Protection class		II (totally insulated)

**Mechanical data**

Bolting material G3/8	CuZn35Ni2 (CW720R)
Jackscrew material	CuZn37 (CW508L) nickel-plated
Hexagon nut material	CuZn39Pb3 (CW614N)
Switching tube material	CuZn37 (CW508L)
Float material	X6CrNiMoTi17-12-2 (1.4571)
- density	about 0,7 g/cm ³ ±10 %
- depth of immersion	32 mm ± 2 mm (to a fluid-density of 1 g/cm ³)
Grip screw material	CuSn8 (CW453K)
Gasket material	NBR
Ambient air temperature	-5 °C to +120 °C
Liquid temperature	-5 °C to +120 °C
Connection	Cable 2 x 0,75 mm ² x 1 m ± 5 %, Silicone
Protection type	IP 65 acc to IEC529 / EN 60529
Max. pressure	10 bar

Standards

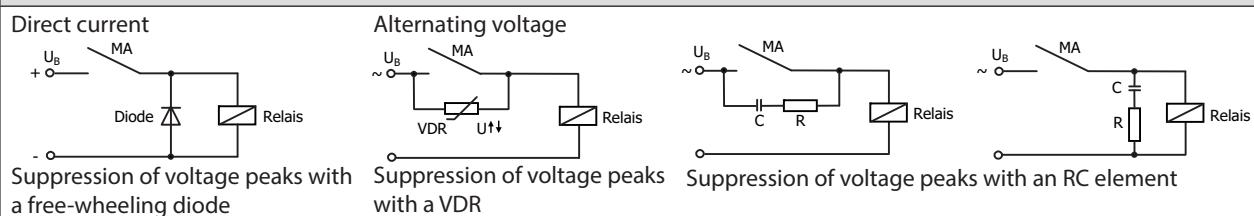
DIN EN 60947-5-1

EU Conformity

acc. to directive 2014/35/EU

General details

Repeatability of switching points is ±0,05 mm based on the same geometrical conditions as of a switch device.
 The measures of the switching points refer to a fluid-density of 1 g/cm³.
 The tolerance of the switching points is ±2 mm
 Pay attention to the contact protection, when switching inductive or capacitive loads. Maximum data must not be exceeded!

Inductive loads**Capacitive loads and lamp loads**