

Power Level Sensor

Features

- Stainless Steel housing
- Rugged and durable
- Suitable for food contact
- Extended temperature range
- IP67 protection rating

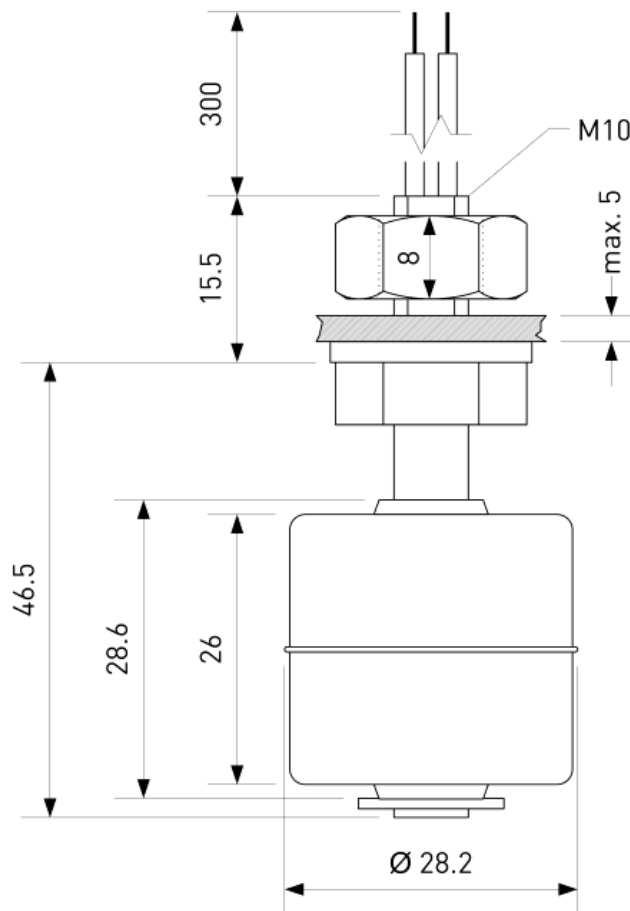


Specification @ 25 °C

Output Type	Make Contact (NO)
Contact Rating max.	50 W
Switching Voltage max.	250 VAC / 200 VDC
Switching Current max.	1.5 A
Carry Current max.	2 A
Breakdown Voltage min.	400 VDC
Total Resistance max.	150 mΩ
Operating Temperature	-40 ... 125 °C
Storage Temperature	-40 ... 125 °C
Density of Float typ.*	0.7 g/cm ³
Recommended Minimum Gravity of Medium	Density of Float + 20% g/cm ³

* in delivery condition

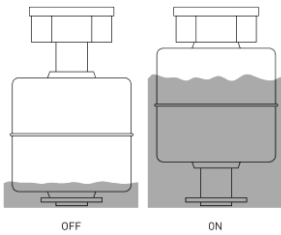
Drawing



Material Specification

Housing	Stainless Steel 304, Mechanically Polished
Cable	UL 1332, AWG 22, 4 mm Stripped and Tinned
Nuts	Stainless Steel 304, M10, 1 pc Preassembled
Float	Stainless Steel 304, Mechanically Polished
Potting	PU / Epoxy
Sealing Ring	Silicone

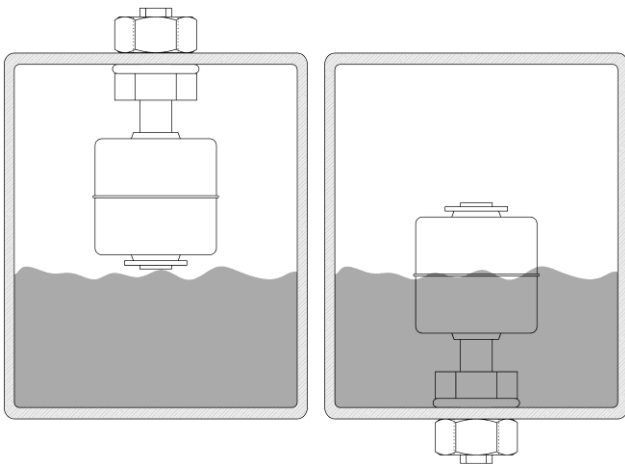
Operation View



When mounted near ferromagnetic parts switching distance of RND 410-00010 may vary

Electromagnetical influences and magnetic fields may change the switching behaviour of the Level Sensor

Mounting



When mounted stem up, operating functions are reversed

Art Nr.
RND 410-00010