

CABLE SUSPENDED FLOAT LEVEL SWITCH

SQ QUICK FLOAT LEVEL SWITCH

Level Measurement
& Monitoring



DESCRIPTION

When the float becomes afloat by the change in the surface, the internal balance weight instantly moves to the other side, and because of the rapid change in the center of gravity, the float turns upside down, and operates the micro switch or the mercury switch in order to show the electric contact and control the level.

SQM: Activation of the switch takes place when the reed switch passes through the center of the doughnut shaped magnet.

SQH: Micro switch lever is activated by the weight of a rolling ball within a capsule inside the tilting float.

TECHNICAL FEATURES

FEATURES

- ✓ Low cost
- ✓ Easy installation
- ✓ Precise control signal output
- ✓ ON / OFF position may be easily changed on-site
- ✓ Widely used in final stage of sanitary water processing

Measuring Range	Max. 20 meter
Contact Type	Normally Open / Normally Closed (option)
Switch Type	SQM: Reed switch / SQH: Micro Switch SQE: Mercury Switch
Specific Gravity	SQM: 0.7 / SQH: 0.9 / SQE: 0.75
Contact Rating	SQM: 0.4A, 100V AC SQH: 3A, 250V AC / 5A, 125VAC SQE: 1A, 120V AC
Activation Angle	SQM: $\pm 30^\circ$ / SQH & SQE: $\pm 25^\circ$
Float Material	SQM & SQH: ABS Resin / SQE: SS316
Cable Material	SQM & SQH: VCT (PVC Rubber) SQE: Silicon Rubber
Temperature	SQM & SQH: -10 to 70°C / SQE: -10 to 150°C
Op Pressure	SQM & SQH: 2 kgf/cm^2 / SQE: 10 kgf/cm^2
Enclosure protection	IP65
Control Unit	Optional

I-SYSTEM MEASUREMENT
www.ismesb.com



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11-2021

I-SYSTEM

210007

I-SYSTEM

210/007

DIMENSION/DRAWING

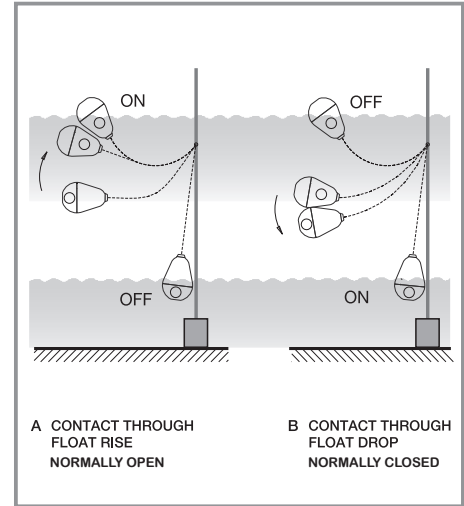
SQM
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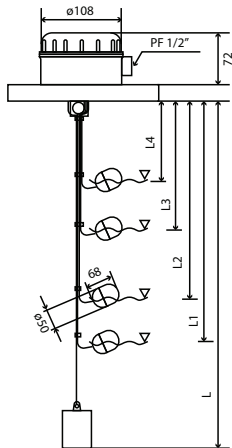
SQH
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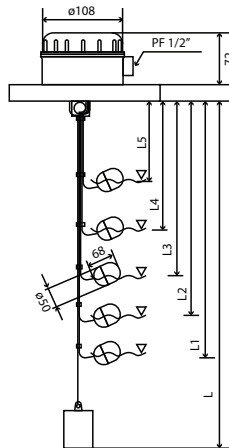
SQE
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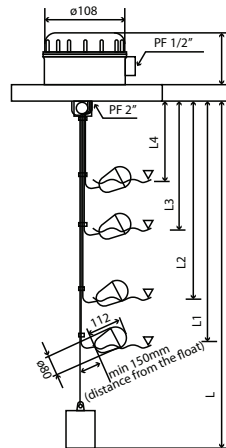
SQM - 4 POINTS



SQM - 5 POINTS



SQH - 4 POINTS



SQH - 5 POINTS

