



SIDE-MOUNTED FLOAT LEVEL SWITCH



NRG GLOBAL MAKE side-mounted float level switch is suitable for liquid level control of open or bearing pressure container in industrial process. When the liquid level reaches to high or low limit, relay contact point can be as signal alarm device or the switch in electronic pump circuit. It is used in water treatment, petrochemical, furnace, shipyard etc. It is widely applicable in the condition of high viscosity, high pressure, high temperature because of its flexible structure, and it can replace the UQK series products.

Working principle

To use of liquid buoyancy principle. When the floating ball due to buoyancy and moving up and down, the magnetic reed switch in the junction box will be action when it is influence by the arm end magnetic. The same principle is used in the micro switch device. To use of magnets and magnet micro switch arm end of mutual exclusion movement to push the micro switch action.

Product purpose

SM series float level switch is suitable for liquid level control of open or bearing pressure container in industrial process. When the liquid level reaches to high or low limit, relay contact point can be as signal alarm device or the switch in electronic pump circuit.

Specification

Application	: Liquids
Liquid Density	: Above 0.5 – 2.0
Liquid Velocity	: Upto 500 cp
Design Pressure	: Upto 40 Kg/cm ²
Design Temp	: Upto 300°C
Connection	: Flanged to ASA/BS/DIN Screwed BSP/Screwed NPT
Material	: SS304/SS304L/SS316/SS316L/PP/HDPE/PVC/PVDF Lined/PTFE Lined Other Materials on request
Switch Type	: Micro, SDPT, DPDT
Form	: 1 NO+1NC / 2NO+2NC
Rating	: 5 Amp, 230 VAC OR 24 VDC
Enclosure	: W-Proof IP65 / Ex-Proof