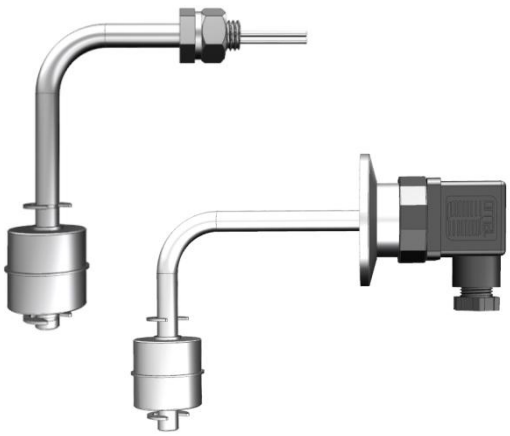


principle and characteristics

In the sealed non–magnetic stainless steel tube is provided with a dry reed tube, the floating ball is equipped with an annular magnetic ring, the floating ball moves with the rise or fall of the liquid level, thus triggering or releasing the magnetic reed switch in the stainless steel tube, sending a switch signal.

Can be installed at the top or bottom, compact and firm structure, reliable performance, good repeatability, long life, high temperature resistance.

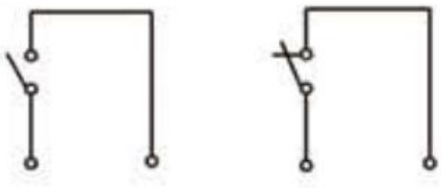
product application

Used for liquid level measurement with density ⩾0.75g/cm3.

technical specification

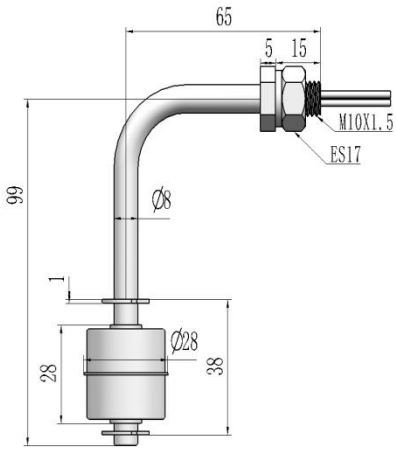
- maximum pressure：5bar
- medium temperature：–10℃––130℃
- medium density：⩾0.75g/cm$^3$
- Output: Normally open or normally closed
- Contact type: Dry reed switch
- contact capacity：250VAC.0.5.A
- Protection grade: IP65
- Wiring mode: directly attached wire
- Material: stainless steel

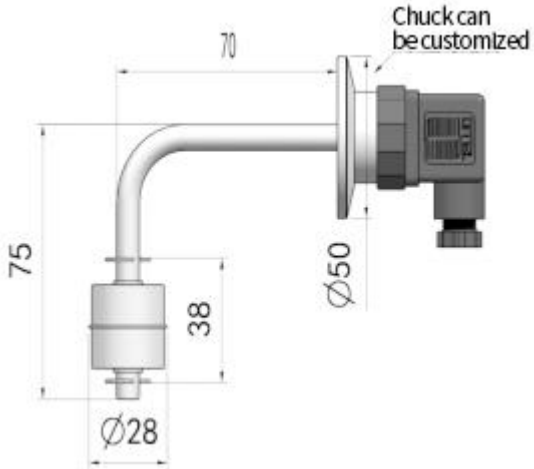
wiring diagram



normally open　　normal close

dimension figure



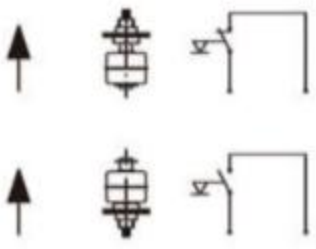




Selection table

| LF03- | A | M1 | K | X | F | A | specification |
|---|---|---|---|---|---|---|---|
| LF03– | | | | | | | LF03 Series Float Level Switch |
| | A | | | | | | Built–in Type |
| | | M1 | | | | | Interface thread: M10*1 |
| | | F | | | | | flanged joint |
| | | | K | | | | stainless steel housing |
| | | | | X | | | Floatmaterial:304 stainless steel |
| | | | | | N | | normally open |
| | | | | | F | | normal close |
| | | | | | | A | Direct line |
| | | | | | | B | Hersman goes in |

* The type selection table is only for technical selection, and the corresponding type of the factory model is reflected by the code.

installation instructions



Note: THE installation position will change the switch output characteristics, normally open output when mounted from top to bottom, closed when floating, normally closed output when mounted from bottom to top, disconnected when floating