

Product overview

As for the tuning fork level switch, the signal of the electronic circuit is used to excite the crystals in the fork so that the fork of a tuning fork vibrates at a fixed frequency. When the fork body is completely immersed by the measured material and the vibration frequency of fork body changes, the electronic circuit of the instrument will automatically detect the change and convert it into a switching signal to be output by a relay for on-site alarm or remote control; When the material leaves the fork body, the instrument will return to normal working condition and continue to detect changes in material level.

Product features

- Compact structure and top and side mounting;
- Full electronic circuit design without maintenance after running;
- Wide application scope and physical performance of the tested material failing to affect the product;
- Unique fork design and its inherent vibration characteristics ensure that the automatic clearing function of the tuning fork and prevent hanging to the greatest extent.



Technical parameters

- Output mode: DPDT;
- Contact capacity: 5A 220VAC;
- Operating temperature: -10 ~ 80°C (high temperature type, max150°C);
- Operating pressure: Less than 2MPa;
- Medium density: Minimum: 0.5g / cm³;
- Electrical interface: M20x1.5;
- Supply voltage: 24VAC / DC (standard) 220VAC / 110VAC (optional)



Product application

Material level control of liquid which can produce gas (such as tap water, spring water, pulp, glue, dye, waste water, mud, acid and alkali solution, beer, beer starter and beverage), thermal power generation, steel, cement and lithium battery.

Product model selection

RTF	Tuning fork level switch			
	Classification			
	01 Standard type		02 High temperature type	
		Connection type		
		S Screw F Flange		
			Supply voltage	
			A 220VAC B 24VDC	
			Specification of probe	
L Rod type extended probe P Probe surface coated with fluorine				
H Cabling extended probe M Material receiving the liquid SUS316L (standard: SUS304)				
			Probe length	
			*** (150 indicates the probe length: 150mm)	
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