



Storage Tank Protection Solutions ➤

Tuning Fork Level Switch

Model: UZK-Y

Tuning Fork Level Switch is a high-reliability control switch dedicated to liquid level measurement. The length of the fork body is only 40mm, which is suitable for liquid level measurement in narrow spaces of pipes. The fork body is precisely tuned, and the measurable density is as low as 0.5g/cm³.



Model: UZK-Y-01

Applicable Liquids	Density	Larger than 0.5g/cm ³
	Viscosity	0.1~10000mPa.s
	Flow Rate	Up to 6m/s
Probe Parameters	Vibration Frequency	1000Hz
	Fork Body Length	40mm
Precision	Measurement Deviation	±1mm
	Delay	2mm
	Repeatability	0.1mm
Switching Delay	Contact with Materials	0.5s
	No Materials	1s
Power Input	Relay Type	20~250V AC/20~72V DC
	Power Consumption	AC, 1~8VA; DC, 1.5W
Signal Output	Relay	DPDT, 5A/253V AC/24V DC
	Three-wire	PNP Signal
Environmental Conditions	Process Pressure	-1~100bar
	Process Temperature	-50~+300°C
	Environmental Temperature	-40~+70°C
Safety Certification	Protection Class	IP66/IP67/IP68
	Explosion-proof Grade	Flameproof Type: Ex db IIC T6 Gb Intrinsic Safety: Ex ia IIC T6 Ga
Material	Flange	316L, 316L Coating Enamel, 316
	Fork Body	Coating ECTFE, 316L Coating PFA



Model: UZK-Y-02

Based on the UZK-Y-01 Tuning Fork Level Switch, external magnet debugging and frequency display are added.

- External magnet debugging: No need to operate the meter with opening the cover. The meter tests can be finished simply, safely, and quickly in daily operation activities.
- Frequency display: It helps to judge the working state or fault state more conveniently and intuitively, and save you plenty of time in identifying the hazards. In addition, it comes with a three-color light display and makes it easy to judge the working status of the meter from a distance.