

# Tuning Fork Level Transmitter Model: ZJX-PA-M-A6



## PRODUCT FEATURES AND APPLICATION FIELDS

### Description:

The ZJX-PA-M-A6 tuning fork liquid level transmitter uses piezoelectric crystal excitation to generate vibration. When the tuning fork is immersed in liquid or solid, the vibration frequency changes and is detected by internal sensitive electronic circuits. After signal processing, continuous monitoring and alarm are carried out for this vibration.

### Features:

Explosion proof design, strong sealing

Multiple mechanical and electrical connection options available

Fast response time and low power consumption

Various anti-corrosion materials can be selected for different on-site working conditions

### Advantages:

High temperature resistant design, adjustable sensitivity

With self checking function, not affected by dielectric parameters

The density of the tested medium  $\geq$  water, no need to reset parameters, can be used normally

Support OEM/ODM customization

### Application:

Petroleum and chemical industry

Smelting and building materials

Environmental protection, biopharmaceutical

Food, Beverage, Brewing

Civil engineering, engineering machinery

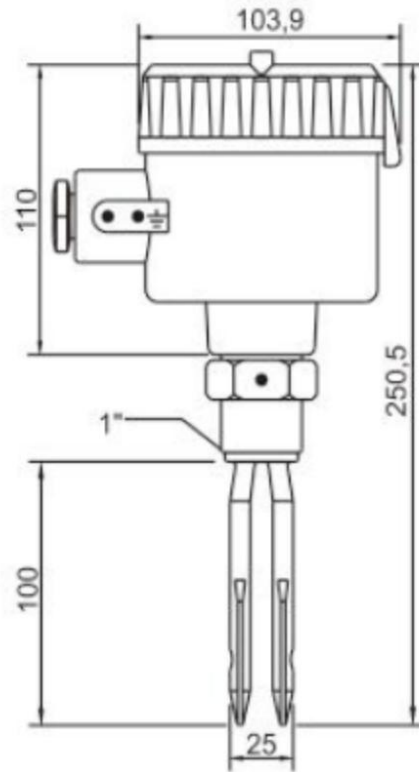
Power, mining, robot automation control

Monitoring of farmland and dams

## PRODUCT PARAMETERS

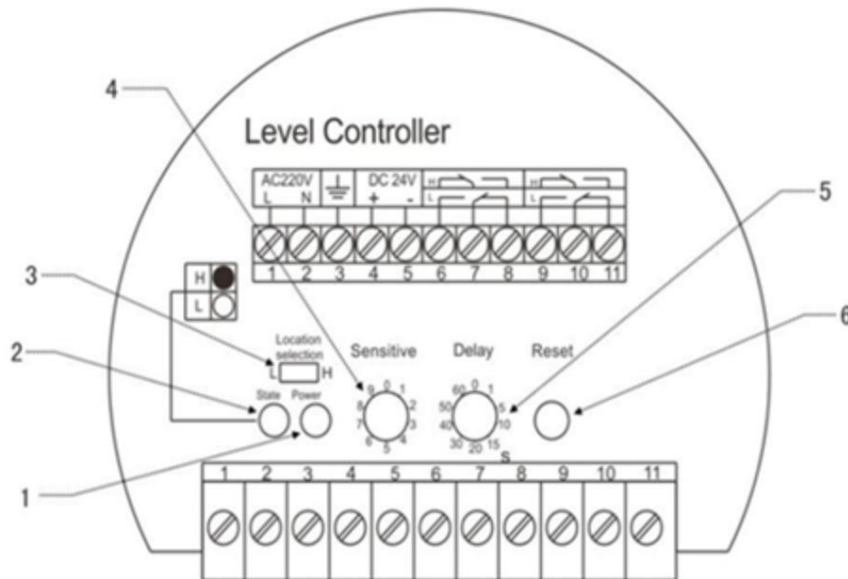
Measurement Medium	Liquid, Powder, Granular Solid
Measuring Range	100mm-5000mm
Operation Temperature	-40℃~150℃
Medium Density	Solid≥0.1g/cm <sup>3</sup> , Liquid≥0.7g/cm <sup>3</sup>
Powder or Solid Particle Size	≤10mm
Liquid Viscosity	≤10000mm <sup>2</sup> /s
Operating Pressure	-1-40bar
Output Signal	Relay dry contact (DPDT)
Power Supply	24VDC,220VAC
Connection Method	G1,1/2NPT, DN50,Customizable
Electrical Connections	M20X1.5,1/2NPT
Material Quality	304SS,316SS
Vibration Frequency	300±50Hz
Explosion Proof Level	Ex db IIC T6 Gb
Protection Grade	IP65

## OVERALL DIMENSIONS



## PRODUCT CONNECTION MODE

Remarks:①1\2→220VAC, ②3→Grounding, ③4\5→24VDC,④6\7\8\9\10\11→Relay



## PRODUCT SELECTION TABLE

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