

# Magnetic Flap Level Transmitter

Model: ZJX-PA-M-A3



## PRODUCT FEATURES AND APPLICATION FIELDS

### Description:

The ZJX-PA-M-A3 magnetic flip plate liquid level transmitter forms a connecting device through a bypass pipe and container equipment, so that the liquid level height of the two is consistent. When the liquid rises or falls, the internal components work together through magnetic coupling to drive the accurate display of the indicated liquid level. At the same time, it also has the functions of switch and remote signal transmission.

### Features:

- Liquid level measurement suitable for harsh environments
- Diversified installation positions and forms
- Simple structure, easy installation, and low maintenance cost
- Good vibration resistance, able to adapt to working with large liquid level fluctuations

### Advantages:

- Fully functional, integrated with on-site indication, remote transmission and alarm control, and can be freely adjusted
- Suitable for liquid level measurement under high pressure, high temperature, and corrosive conditions, with good sealing performance and high reliability.
- High accuracy ( $\pm 1\text{mm}$ ), with explosion-proof and live tracing functions
- Support OEM/ODM customization

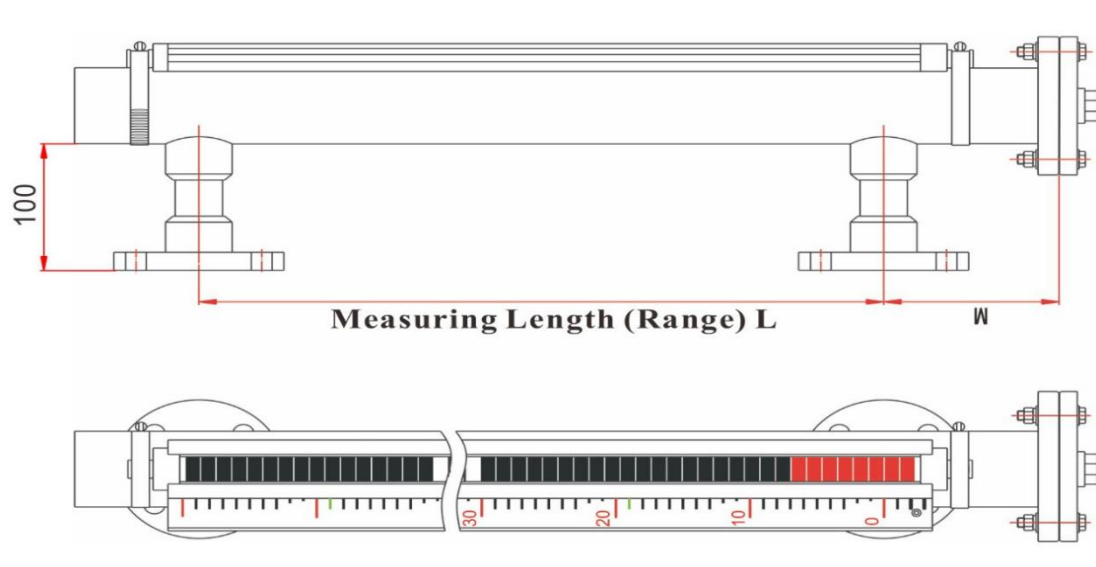
### Application:

- Oil and Gas
- Environmental protection chemical industry
- Paper printing and dyeing
- Food Pharmaceuticals
- Metallurgical boiler
- Ship building automation

## PRODUCT PARAMETERS

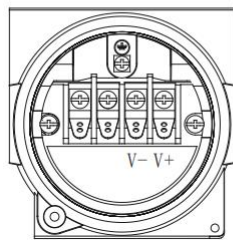
<b>Measuring Range</b>	<b>150 ~ 8000mm</b>
<b>Medium Density</b>	<b>0.4 ~ 4.0g/cm<sup>3</sup></b>
<b>Installation Method</b>	<b>Side,Top,Bottom,Side top</b>
<b>Measurement Tube Material</b>	<b>304SS,316SS,PTFE, Titanium, Customizable</b>
<b>Liquid Receiving Material</b>	<b>304SS,316SS,PTFE, Titanium, Customizable</b>
<b>Process Connection</b>	<b>DN20, DN25, DN50, DN80, Customizable</b>
<b>Rated Pressure</b>	<b>1.6MPa, 2.5MPa, 4.0MPa, 25MPa, Customizable</b>
<b>Medium Temperature</b>	<b>-150℃ ~ 450℃</b>
<b>Alarm Point Switch</b>	<b>Normally open, Normal close, Customizable</b>
<b>Output/Communication</b>	<b>4-20mA, 4-20mA+Hart</b>
<b>Display Type</b>	<b>Plastic flip column, Ceramic flip column, Metal flip column</b>
<b>Explosion Proof Type</b>	<b>Ex db IIC T6 Gb, Ex ia IIC T6 Ga</b>

## OVERALL DIMENSIONS



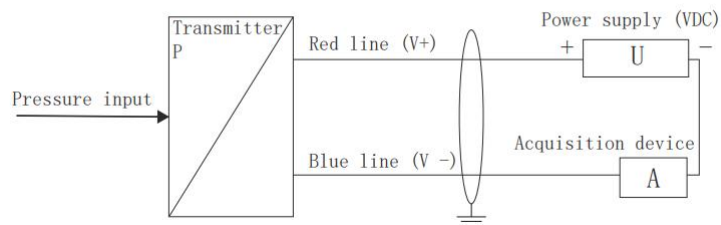
## PRODUCT CONNECTION MODE

Current output wiring diagram (two-wire system)



V+: power supply positive

V -: power supply negative



# PRODUCT SELECTION TABLE

Code											
ZJX-PA-M-A3	Magnetic Flap Level Transmitter										
	Code	Measuring Range									
	Fill In The Actual Demand	150 ~ 8000mm									
	Code	Medium Density									
	Fill In The Actual Demand	0.4 ~ 4.0g/cm <sup>3</sup>									
	Code	Installation Method									
	I1	Side									
	I2	Top									
	I3	Bottom									
	I4	Side top									
	Code	Measurement Tube Material									
	M1	304SS									
	M2	316SS									
	M3	PTFE									
	M4	Titanium									
	M5	Customizable									
	Code	Liquid Receiving Material									
	R1	304SS									
	R2	316SS									
	R3	PTFE									
	R4	Titanium									
	R5	Customizable									
	Code	Process Connection									
	F1	DN20									
	F2	DN25									
	F3	DN50									
	F4	DN80									
	F5	Customizable									
	Code	Rated Pressure									
	P1	1.6MPa									
	P2	2.5MPa									
	P3	4.0MPa									
	P4	25MPa									
	P5	Customizable									
	Code	Alarm Point Switch									
	A0	None									
	A1	Normally open									
	A2	Normal close									
	A3	Customizable									
	Code	Output/Communication									
	S0	None									
	S1	4-20mA									
	S2	4-20mA+Hart									
	Code	Display Type									
	D1	Plastic flip column									
	D2	Ceramic flip column									
	D3	Metal flip column									
	Code	Explosion Proof Type									
	N	None									
	B	Ex db IIC T6 Gb									
	A	Ex ia IIC T6 Ga									
ZJX-PA-M-A3	1500-0.6g/cm <sup>3</sup>	I1	M2	R2	F1	P1	A0	S1	D1	N	Model No.Example


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