

Explosion Proof And Anti-Corrosion Liquid Level Transmitter

Model: ZJX-PA-M-A2



PRODUCT FEATURES AND APPLICATION FIELDS

Description:

The ZJX-PA-M-A2 explosion-proof anti-corrosion liquid level transmitter adopts digital circuit compensation technology to measure the static pressure in the medium. Through signal amplification and compensation technology, the liquid level height is displayed on site using an LCD meter head. The front end of the product adopts a sand cap structure, the gas conducting cable is sealed and connected to the shell, and the ventilation pipe is connected to the outside with a polymer isolation plug. This product is suitable for high liquid level measurement occasions.

Advantages:

Simultaneously equipped with explosion-proof and anti-corrosion functions
Adopting digital circuit compensation technology
High accuracy and protection level, suitable for on-site calibration
Support OEM/ODM customization

Application:

Food, beverage, pharmaceutical, chemical and other equipment
Liquid level monitoring of water wells, pools, tanks, etc
Dajiang Dam, Water Resources and Hydropower, Hydrological Monitoring and Control
Urban water supply and sewage treatment purification
Navigation and Ship Systems
Liquid level measurement and control in fields such as petroleum and medicine

Features:

With LCD on-site display

Multiple measurement ranges available for selection

Multiple signal output methods

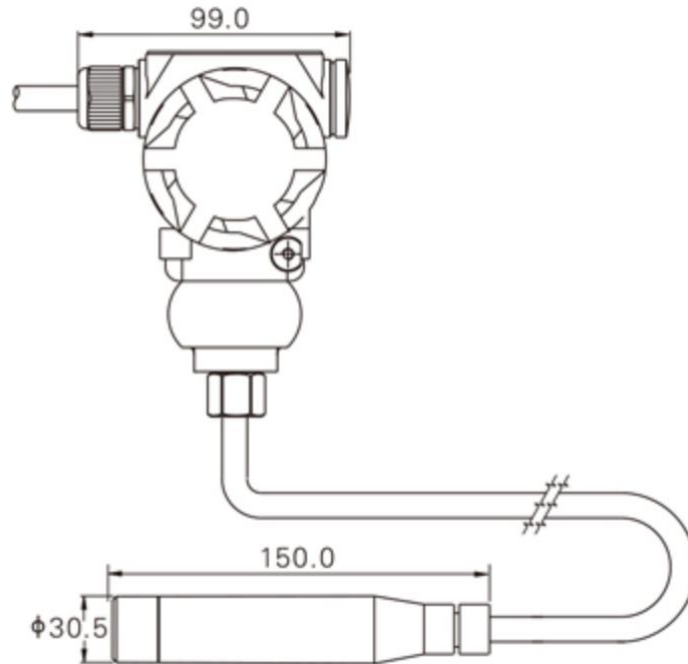
Adopting moisture-proof, anti condensation, and anti leakage structural design



PRODUCT PARAMETERS

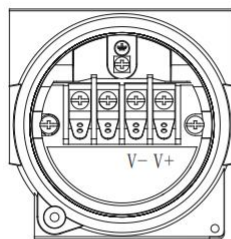
Measuring Range	0~10m H₂O~100m H₂O
Output/Communication	4-20mA,4-20mA+Hart,0-5V,0.5-4.5V,0-10V,RS485
Accuracy	0.25%F.S, 0.5%F.S
Power Supply	10~30VDC, 5VDC
Fixed Method	M20X1.5 internal thread, DN25 flange, Customizable
Electrical Connections	M20X1.5 internal thread, Customizable
Response Time	<10ms
Repeatability	≤ +/- 0.2%FSO
Long Term Stability	≤ +/-0.2%FS/year
Operating Temperature	-20℃ ~ 85℃
Temperature Compensation	-10℃ ~ 60℃
Overload Pressure	150%FS
Contact Medium Material	316SS, PTFE, PVDF, Hastelloy C, Customizable
Protection Grade	IP68

OVERALL DIMENSIONS



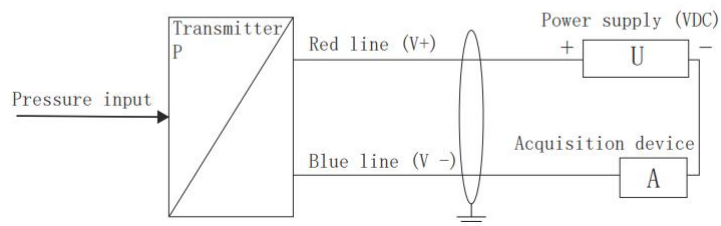
PRODUCT CONNECTION MODE

Current output wiring diagram (two-wire system)



V+: power supply positive

V -: power supply negative



PRODUCT SELECTION TABLE

Code									
ZJX-PA-M-A2	Explosion Proof And Anti-Corrosion Liquid Level Transmitter								
Fill In The Actual Demand	Code		Measuring Range						
			0-100mH2O						
	Code		Output/Communication						
	O1		4-20mA						
	O2		4-20mA+Hart						
	O3		0-10V						
	O4		0-5V						
	O5		0.5-4.5V						
	O6		RS485						
	Code		Power Supply						
	P1		10~30VDC						
	P2		5VDC						
	Code		Accuracy						
	C1		0.25%F.S						
	C2		0.5%F.S						
	C3		Customizable						
	Code		Fixed Method						
	F1		M20X1.5 internal thread						
	F2		DN25 flange						
	F3		Customizable						
	Code		Contact Medium Material						
	T1		316SS						
	T2		PTFE						
	T3		Hastelloy C						
T4		PVDF							
T5		Customizable							
Code		Electrical Connections							
M		M20X1.5 internal thread							
C		Customizable							
ZJX-PA-M-A2	0-5M	O2	P1	C2	F1	T1	M	Model No.Example	


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