

# Electrical Capacitance Level Transmitter

## Model: ZJX-PA-M-A8



### PRODUCT FEATURES AND APPLICATION FIELDS

#### Description:

ZJX-PA-M-A8 capacitive liquid level gauge is based on the principle of radio frequency capacitance measurement. It uses fault technology to dynamically analyze various parameters of the sensor in the medium, automatically compensating accurately, and the output signal changes linearly and continuously with the change of liquid level height

#### Features:

Modular design, LCD display of current liquid level value

Suitable for continuous measurement of high temperature, high pressure, strong corrosion, and large dust

Multiple installation methods, high resolution and measurement accuracy

#### Advantages:

Measure impedance and capacitance separately to avoid the impact of hanging materials

Automatic calibration, unaffected by temperature, medium changes, and adhesion

Multiple output methods, available in acid and alkali resistant materials, with a detection rod temperature of up to 180 °C

Support OEM/ODM customization

#### Application:

Petroleum and chemical industry

Metallurgy and environmental protection

Seawater desalination and water treatment

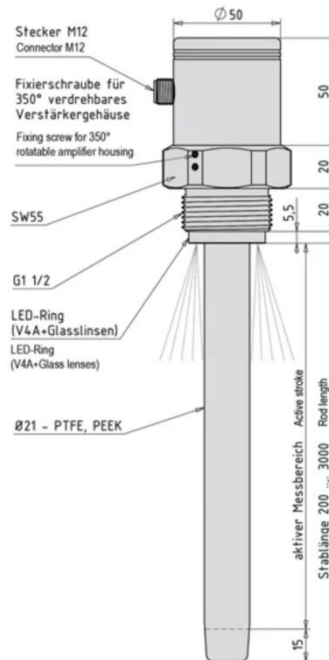
Food, Medical

Paper making and dispensing

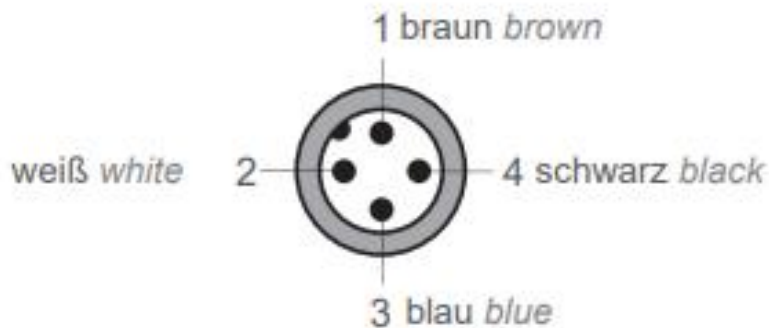
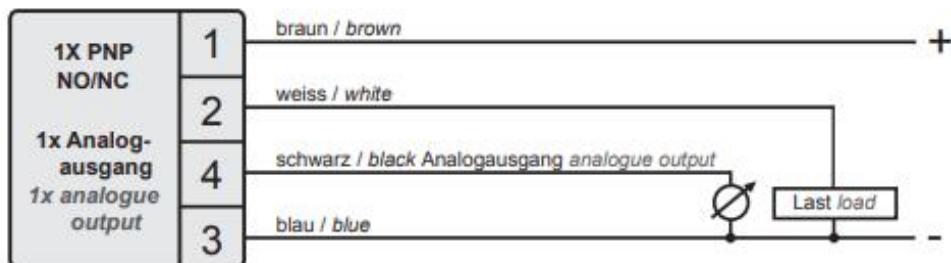
## PRODUCT PARAMETERS

Measuring Range	0~550mm ( Customizable )
Output Signal	4-20mA,0-10V,4-20mA+switch value alarm
Accuracy	±1%F.S
Power Supply	24VDC
Response Time	2S
Contact Medium Material	PTFE,PEEK,Customizable
Probe Diameter	21mm, 14mm
Operating Temperature	0℃ ~ 70℃
Connection Method	G1,G1/2,G3/4,Customizable
Electrical Connections	M12*1 connection
Protection Grade	IP67

# OVERALL DIMENSIONS



# PRODUCT CONNECTION MODE



## PRODUCT SELECTION TABLE

Code								
ZJX-PA-M-A8	Electrical Capacitance Level Meter							
	Code	Measuring Range						
	Fill In The Actual Demand	0~550mm (Customizable)						
	Code	Output Signal						
	O1	4-20mA						
	O2	0-10V						
	O3	4-20mA+switch value alarm						
	O4	Customizable						
	Code	Power Supply						
	P	24VDC						
	Code	Probe Diameter						
	D1	21mm						
	D2	14mm						
	Code	Contact Medium Material						
	T1	PTFE						
	T2	PEEK						
	T3	Customizable						
	Code	Connection Method						
	C1	G1						
C2	G1/2							
C3	G3/4							
C4	Customizable							
Code	Electrical Connections							
E	M12*1 connection							
ZJX-PA-M-A8	0-300mm	O3	P	D2	T1	C1	E	Model No.Example