

# Taizhou Allison Instruments Co. , Ltd.

Make industrial control more intelligent efficient and safe!

## ALS-MPM-2F Water level transmitter datasheet

### **Brief description**

Als-mpm-2Fseries water level transmitter pressure sensitive core adopts high performance silicon piezoresistive pressure filling core. The internal ASIC converts the sensor millivolt signal into standard voltage, current or frequency signal, which can be directly connected with computer interface card, control instrument, intelligent instrument or PLC. Current output mode can be used for distance transmission. It has small volume, light weight, all stainless steel sealing structure and can work in corrosive environment. The product is easy to install and has high anti-vibration and anti-impact performance. It is widely used in process control, aviation, aerospace, automobile, medical equipment, HVAC and other fields.

### **Product advantages**

- 304 or 316L stainless steel shell
- Laser label printing
- High Precision , Isolation circuit board
- Microamplifier, output of voltage, current and RS485 signals
- Strong anti-interference and long-term stability
- Diversification of shape and structure
- Guarantee period: 24 months

**Measuring range: 0- 500 meters**

Compensation temperature: -10\*-70°C

Medium temperature: -40~80°C

Environment temperature: -40\*85°C

Measuring media: Liquid、Water

Accuracy: 0.1%F · S、0.25%F.S ( standard )

Zero tempe drift:  $\pm 0.03\%F.S/^{\circ}C$

Sensitivity temperature drift:  $\pm 0.03\%F.S/^{\circ}C$

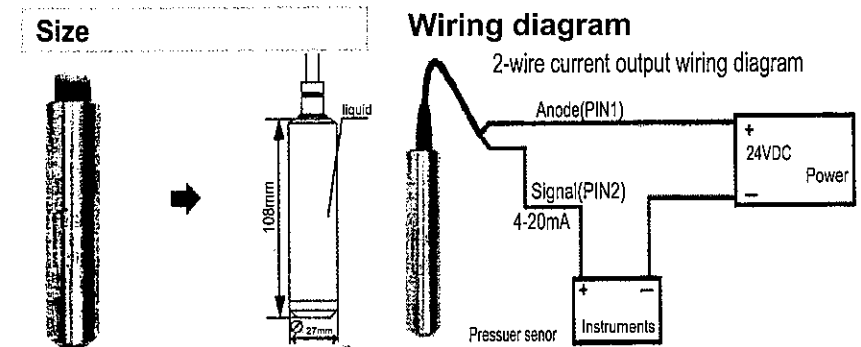
Material: 316L core&Rubber breathable cable

Overload: 200%F.S

Long-term stability: <0.2%F.S/year

Inherent frequency: 5kHz~650kHz

Protection grade: IP68



**Mainly technical parameters Red Wire:DC24V BlackWire:Current output**  
ALS-MPM-2F

Power supply: 3-5VDC、12-36VDC ( standard )