

HDL300 Water level transmitter datasheet

Brief description

HDL300 series 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.

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: $\leq 0.2\%F.S/year$

Inherent frequency: 5kHz~650kHz

Protection grade: IP68

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

Wiring diagram

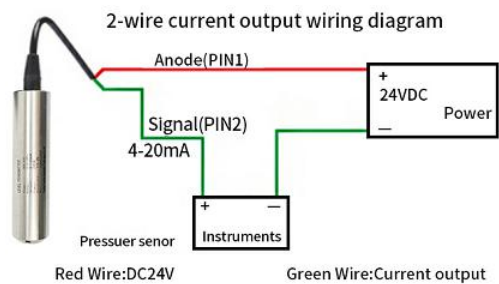
Size



Mainly technical parameters

Model: HDL300

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



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