

Ultrasonic Level Transmitter

Ultrasonic level meter is the latest ultrasonic level meter that our company produced, it adopt many advantages from our domestic and overseas market, to achieve all-digital, user-friendly design concept, with a sound structures / Level Control, data transmission and human-machine communication capabilities. We use controller for main chip, digital temperature compensation and ultra-wide input voltage regulator and other dozens of pieces related to ASIC. Has a strong anti-interference, can be arbitrarily set the upper and lower nodes and online output regulation, and with the on-site displays, selectable analog, switching capacity and RS485 output for easy interface with the related facilities. It can meet lots of position measurement requirement but no need to access to industrial media, and thus completely solve the pressure-type, capacitive type, float type, and so brought the traditional measurement of winding, plug, leaking, media corrosion, maintenance and other inconvenient shortcomings.

Features:

- Strong, stable sensor suitable for harsh industrial situation;
- Strong anti-interference, can be arbitrarily set the upper and lower nodes and on-line output regulation;
- Transducer built-in temperature sensor, to achieve real-time measurement of the value of automatic temperature compensation;
- Blind spots can also be manually set, shielding the probe near the interference signal; 4 ~ 20MA current output, optional field bus interface.

Applications:

- Water and wastewater treatment
Pumping station, collection wells, biochemical reaction tank, sedimentation tanks, etc.
- Electric power, mining
Mortar pool, coal slurry pond, water treatment, etc.



FLAMEPROOF LEVEL TRANSMITTER



WEATERPROOF LEVEL TRANSMITTER

The Ultrasonic level meter is instrument of measuring material level, which is non-contact, high reliability, cost-effective, easy to install and maintain. It meets the requirements of material level without the contact and owns the independent property rights

Parameters	Integrated Type	Seperated Type
Measuring Range	5M, 10M, 15M, 20M, 30M, 50M negotiable	5M, 10M, 15M, 20M,30M, 50M, 70M. Negotiable
Display	English LCD display Level,distance,transmission value,ambient tem,echo state,alarm display,algorithm selection	English LCD display Level,distance,transmission value,ambient tem,echo state,alarm display,algorithm selection
Power Supply:	24VDC 120mA 12VDC (available to offer power by motor, battery or solar power and so on.)	220VAC+15% 50Hz 24VDC 120mA 12VDC (available to offer power by motor, battery or solar power and so on.)
Analog Output	4-20mA/750 load resistance(2wire) 4-20mA/250 load resistance(4wire) 1-5V (3wires) 0-5V (3 wires) 0-10V (3wires)	4-20mA/750 load resistance 1-5V (3wires) 0-5V (3 wires) 0-10V (3wires)
Relay / Alarm Output:	AC 250V/ 8A; DC30V/ 5A; State programmable (optional for 4 wire)	AC 250V/ 8A; DC30V/ 5A; State programmable (optional)
Accuracy	0.2%--0.5% F.S	0.2%--0.5% F.S
Blind Z one:	0.2-0.6m	0.2-0.6m
Working Pressure:	2 Bar (Explore Proof Type is 5 Bar)	2 Bar
Resolution:	3mm or 0.1%F.S (Max of them)	3mm or 0.1%F.S (Max of them)
Environment Temperature:	Sensor: -20~+80 $\text{^{\circ}}$ C	Sensor: -20~+80 $\text{^{\circ}}$ C
Communication	RS485 ,negotiable	RS485 ,negotiable
Explore Proof:	Ex(ia)I CT6	Not available
Water proof	IP65 IP66	IP65 IP68
Cable of Sensor:	Null	Standard: 10 Meters, Max to 200 Meters
Sensor Installation:	By level range and model code	By level range and model code

Continuous efforts for product development may necessitate changes in specifications without notice

Authorised Dealer

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