

Ultrasonic Level Meter Model EYD322-D

EYD322-D datasheet

Description

Ultrasonic level measuring instrument, taking the advantages of various many level measuring instruments, is a universal one characterized by total digitalized and humanized design. It has perfect level monitoring, data transmission and man-machine communication.

It is featured by strong anti-interference performance; free setting of upper and lower limits and online output regulation, on-site indication, optional analog, switching value, and RS485 output and easy connection with main unit. The cover, made of waterproof engineering plastics, is small and firm with ABS probe. Therefore, it is applicable for various fields concerning level measuring and monitoring. According to the practical situation, it also can add other modules, such as RS 485, current output; it can be match with PLC better.



Application

Widely used in petroleum, chemical, water treatment, water conservancy, steel, coal, electricity, aerospace and food processing industries such as Diesel Oil Tank, water tank and so on., for acid, alkali, salt, corrosion, high temperature, explosion-proof and other fields.

Features

- DC12-24V wide work voltage
- Backup and recovery parameter set
- Free adjustment of the range of analog output
- Set a filter value to remove
- Custom serial port data format
- Optional increment/difference distance measurement to measure air space or liquid level
- 1-15 transmitted pulse intensity depending on working conditions
- More choices depend on your requirement, as bellowing:
 - 3 NPN output/2 relay output/Voltage output
 - RS485 output connect with PC
 - Explosion-proof

Parameter

- Range: 5, 8, 10, 12, 15m
- Blind zone: <0.4-0.5m (different for range)
- Measure error: 0.25% F.S
- Display: LED or LCD
- Display resolution: 1mm
- Frequency: 20~350KHz
- Power: 12-24VDC
- Power consumption: <1.5W
- Output (optional): 4~20mA RL >600Ω (standard) 1~5V / 1~10V RS485 3 NPN 2 relays (AC: 5A 250V DC: 10A 24V)
- Material: ABS
- Dimension: Φ92mm × 198mm × M60
- Electrical interface: M20 × 1.5
- Installation: M60 × 2 or 61MM
- Operating surroundings: normal temperature, normal pressure
- Protection degree: IP65 (others optional)