IP68 Ultrasonic Level Meter

GE-1202B ultrasonic level meter is compacted design, better performance in bad environment, IP68 protect grade, it could supply all kinds of output signal, e.g. 4-20mA, 0-20mA, 0-5V, 1-5V, RS485, RS232, Modbus, MCU, PC, PCASK, NPN Switch, Relay Switch.

We could supply **ODM customized** service, wireless function and anti explosion function is available.

Specification:

1. Standard Output: 4-20mA
2. Optional Output:
   * 0-20mA ,
   * 0-5V, 1-5V,
   * RS485, RS232: Modbus, MCU, PC, PCASK
   * NPN Switch: 1, 2, 3, 4
   * Relay Switch: 1, 2, 3, 4
3. Voltage: DC24V or 220V-240V AC
4. Level Range: 3m ~ 5m ~ 10m ~ 15m ~ 20m
5. Blind area: 300mm~500mm~800mm
6. Accuracy: ±0.25% or 0.5%
7. Resolution: d=1mm(Level Range < 10m);
                   d=1cm (Level Range > 10m)
8. Protect Class: IP68
9. Wireless Function: ODM customized service
10. Explosion Proof: ODM customized service

The microprocessor sent an electronic pulse, then the transducer converts it into an acoustic pulse. The pulse travels to the level that is being measured and reflected back to the transducer. The transducer then converts its energy back into an electronic signal and stops the counter in the microprocessor. Knowing the speed of sound through the air, then it can accurately determine the distance.

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