



AVCOMM®

AVC-WS101-LL-10M

Datasheet

Aiming to create better and safer working environments and life experiences through the products we deliver.



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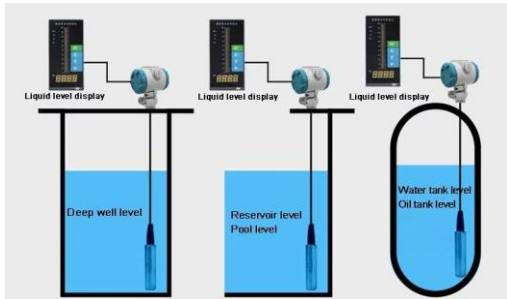
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Liquid Level Sensor
AVC-WS101-LL-10M

- Reverse polarity protection and instantaneous overcurrent and overvoltage protection, meet EMI protection requirements
- Automatically compensate for temperature and automatically correct temperature drift
- High-quality air conduction cable for perennial immersion in water
- Strong overload and anti-interference ability
- Core automatic correction algorithm can effectively prevent the fluctuation of values caused by water surface fluctuations
- It can effectively prevent the entry of sludge impurities and impact
- Good stability and reliability



Features & Benefits

Measurement range	0-10 meters
Measure accuracy	0.2%FS、0.5%FS
Output signal	RS485 Modbus
Temperature drift	0.03%FS/°C
Power supply	12-36VDC
Power consumption	0.48W
Operating temperature	-10~50°C
Protect level	IP68
Current load capacity	≤500Ω
Voltage output resistance	≤510Ω
Measuring medium	Non-corrosive oil, water, etc
Overload capacity	< 1.5 times range



Groundwater level measurement



Reservoir water level measurement



Water level measurement



Sewage tank water level measurement

Ordering Information

Model	Description
AVC-WS101LL-10M	Outdoor Liquid Level Sensor, 0-10M, RS485 Modbus, 12-36V Power

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