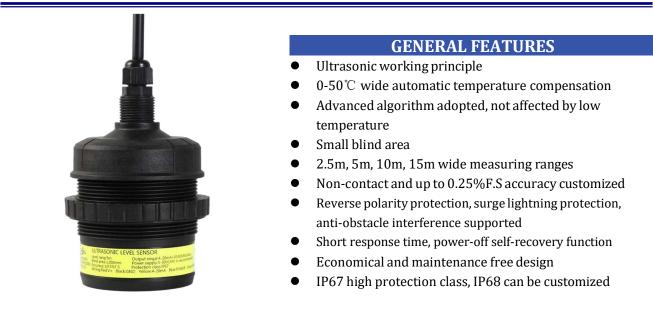
ULTRASONIC LEVEL SENSOR

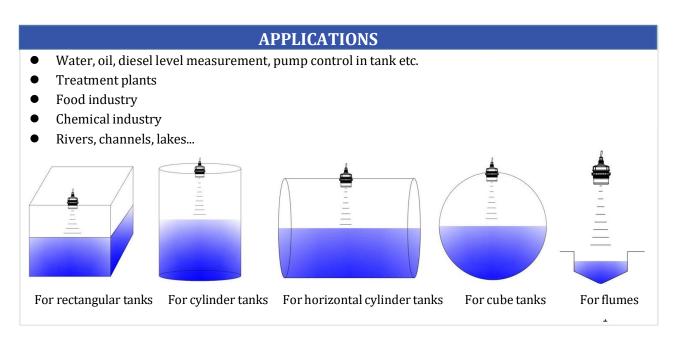
PR-UE3003



PR-UE3003 is an ultrasonic level(distance) sensor that adopts non-contact measurement mode, with high reliability, maintenance-free features. It does not easily receive disturbance from environmental electromagnetic fields, and meets the transmission requirements in most closed or open containers.

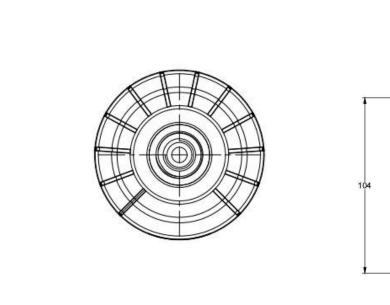
The communication protocol used is Modbus-RTU, and the serial port supports 1200, 2400, 4800, 9600, 19200, 38400, 57600, 11 5200 baud rates.

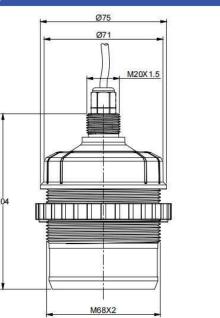
PR-UE3003 owns high precision class. No matter 4-20mA, 0-5V, or RS485, it is all 0.25%-0.5%F.S, the blind area is small, and it owns complete protection and receives little interference from obstacles. Its response is fast, and reading is stable. Meanwhile, we support OEM service.



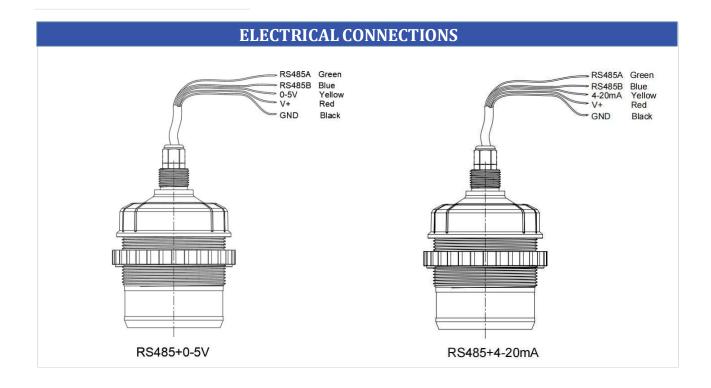
TECHNICAL SPECIFICATIONS	
Measuring range	2.5m, 5m, 10m, 15m, others on request
Blind area	4-20mA(2.5m/5m):≤150mm 0-5V(2.5m/5m):≤200mm 4-20mA/0-5V(10m):≤300mm 4-20mA/0-5V(15m):≤500mm
Accuracy	0.5%F.S (typical), 0.25%F.S (by customized)
Beam angle	12°
Measuring mode	Distance mode(default), or level mode optional
Output signal	RS485+4~20mA; RS485+0~5V
Power supply	10~30VDC(24VDC recommended, 5~30VDC by customized)
Working temperature	-10~50℃(-40~80℃ by customized)
Working current	≤100mA
Installation mode	Nut clamping fixed installation, screw-in installation, M68×2
Response time	0.1s~10s(adjustable)
Product material	Polypropylene + glass fiber
IP rating	IP67 typical, IP68 by customized

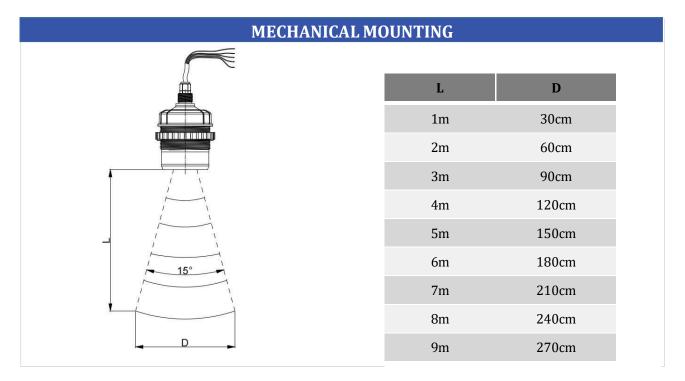
DIMENSIONS



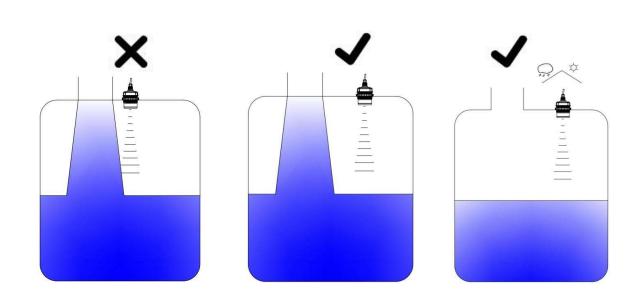


Pro:Range

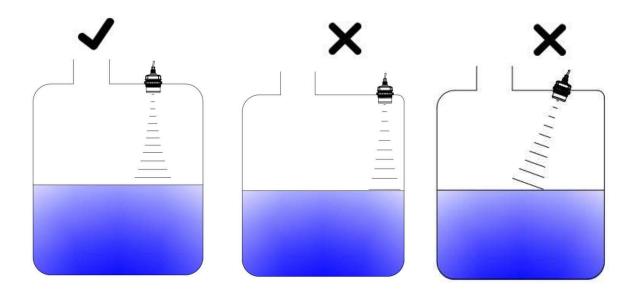








- For level measurement, the sensor must not be installed near the tank input.
- It is recommended that the sensor be protected against sun and rain.



• The sensor must be installed perpendicular to the surface to be measured and should not be placed close to the side surface.

