

The Ultrasonic Pro™ Level Sensor combines an ultrasonic sensor, temperature sensor, ultrasonic servo circuit, and transmission circuit; It also uses SMD components and ASIC. The shell is made of quality NLEPF synthetic material with solid texture and good acoustic characteristics. The body is waterproof and can be used in a wide variety of applications. The Ultrasonic Pro™ Level Sensor is also easy to install and maintain.



Ultrasonic Pro™ Distance/Level Sensor

Model	Range: ft (m)	Cable Length: ft (m)
UPRO-3003	15ft (5m)	50ft (15m)

Features

- Supports M49*1.5mm threaded into type installation and coil clamping type installation
- Many output options: Customizable with a 4-20mA three-wire system, 1-5v, RS485, and more
- Less than 9°C design, resolution 3mm, less than 200ms response time
- Sealed so that it can be safely used for liquid level measurement in a wide variety of applications, including with high-temperature toxic, volatile, flammable, and strongly corrosive liquids
- Housing consists of NLEPF synthetic material, IP66 waterproof, anti-skid, anti-corrosion, anti-explosion structure
- Anti-jamming high quality terminal blocks for long-term stability and reliability
- Two-year limited warranty

Applications

- Non-foaming chemical
- Water
- Wastewater
- Petroleum-based liquids

Technical Specifications

Characteristics	Parameter	Rating
Electrical Properties	Power Requirement	DC24V/300mA
	Output Signal	Analog Signal: 4~20mA; 1~5V; Load>300Ω;1~10V Digital Signal: RS485/ RS232
	Scanning Frequency	20.0 KHz ~ 43.0 KHz
	Electrical Connection	Wire Pigtail
	Consumption	<1.5W
	Accuracy	0.5% FS (at blind-fold drive away, 25°C)
Mechanical Properties	Material	ABS/Nylon
	Explosion Proof	Exiall BT4Gb
	Protection Class	IP65 (default); IP67, IP68 (customized)
Operating Condition	Operating Temperature	-20°C ~ 60°C (-4°F ~ 140°F)

Call us toll-free at 888.733.9283 to speak with one of our expert Sales Engineers!



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