DATA SHEET

ULTRASONIC LEVEL SENSOR

SKU: 525-0700-00

Non-contact level sensing made simple, accurate, and reliable.

The ultrasonic level sensor measures liquid depth without touching the fluid—ideal for tanks, reservoirs, and sumps. It offers precise readings, easy configuration via onboard display, and reliable performance in harsh or wet environments.

SPECIFICATIONS	DETAILS
Dimensions	260 mm h × 102 mm d, G2 thread (30 mm length)
Measurement Range	0.4 - 5m
Temperature Range	–20°C to +60°C
Power Supply	24VDC
Output Signal	Modbus RTU
Accuracy	+/-1% (standard conditions)
Resolution	10 mm
Blind Zone	0.25 – 0.6 meters
Protection Rating	IP65 / IP68
Display	Built-in LCD for level or distance display

Performance

- Measures distance to water or water height (H)
- Display options: Level, Distance, Temperature
- Reads level as depth above tank bottom

Efficiency

- No mechanical parts in contact with water
- Default blind zone avoids signal noise near sensor
- Mounts easily using threaded nut or bracket

Connectivity

- Modbus RTU
- Cloud dashboard mapping to volume in gallons
- Onboard display and push-button configuration