



INSTRUMENTS

Open Channel Flow Meter Calibrations, Process Automation, Data Logging,
Industrial Instrument & Electrical Goods Supplier

KJ's LOOP POWERED ULTRASONIC LEVEL TRANSDUCER



Measures distance/level using 4-20mA loop, no separate power needed, accurate non-contact measurements. Ideal for industrial applications.

Range	= 5m & 10m
Output	= 4-20mA
Power Supply	= 24V DC

KJs ULTRASONIC LEVEL CONTROLLER AND TRANSDUCER



Ultrasonic Transducer: Device that converts electrical energy to ultrasonic waves for distance measurement and object detection.

Ultrasonic Controller: Electronic device that controls ultrasonic transducer operation and processes received signals for accurate measurements.

Range	= 5m & 10m
Outputs	= 1 x 4 - 20mA, 2 x relays
Power Supply	= 220VAC or 24VDC



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Features

- Provides reliable, accurate, and non-contact level measurement.
- Non-contact technology offers no moving parts to wear, jam or corrode.
- Easy programming with 6 digit LCD display and simple menu structure.
- Level measuring range is adjustable by inputting tank dimensions or by filling and emptying the tank using the calibration process.
- Clear cover allows easy viewing of display.
- Fail-safe output options and diagnostic capabilities.

Technical Data

Maximum Measurable Distance (Depending on the model)	(1)05m
	(2)10m
	(3)15m
	(4)20m
	(5)25m
	(6)20m
Accuracy	±0.5%
Frequency	40 KHz
Output Signal	4-20mA/RS485(Optional)
Power Supply	220Vac or 24V DC
Case Material	PA6/ABS
Blind Area	0.2-0.9m
Maximum Load	750Ω
Ambient Temperature	-20...+55°C

Model Selection

Model	TTULT				Description
Range	xx				05-30m
Power Supply	AC				220Vac
	DC				24V DC
Output Signal	1				2-wire
	2				4-wire
Communication	1				None
	2				RS485
Relay Output	1				None
	2				One Relay
	3				Two Relay
Type	1				Compact
	2				Remote