

LEVEL TRANSMITTERS • ULTRASONIC

Intelligent Ultrasonic Level Meter

II-LT-003

Ultrasonic, non-contact



Non-contact level with built-in LCD, 4–20 mA output and two-relay pump control on the four-wire model.

ENQUIRIES

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ISSUED

24 October 2026

Intelligent Ultrasonic Level Meter

Indiana catalogue ID **II-LT-003** Level Transmitters

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RANGE	RESOLUTION	OUTPUT
5 – 25 m	1 mm	4–20 mA

01 Overview

An ultrasonic level meter measuring liquid level without contact. It emits ultrasonic pulses that reflect from the liquid surface and are picked up by the same sensor; the time difference gives the distance from the sensor to the surface and from that the level height.

02 Views



PRIMARY VIEW Three intelligent ultrasonic level meters with integral LCD displays
Product photograph



ALTERNATE VIEW Intelligent ultrasonic level meters
Product photograph



APPLICATION Aerial view of clarifiers and filter beds at a water treatment works — illustrative environment, not an installation of this product
Illustrative scene

03 Principal data

MEASUREMENT

Measurement range	5 m, 10 m, 15 m, 20 m, 25 m — selected on the actual measurement range
Blind zone	0.25 m to 0.6 m
Measurement accuracy	0.25% to 0.5% under standard conditions
Measurement resolution	1 mm
Pressure	Below 4 atmospheres

The full set of stated values, variants and open points is in the specification document for this product.

04 Applications and industries

APPLICATIONS

- Tank and sump level without contacting the liquid
- Pump start and stop control using the relay hysteresis settings
- Open channel and reservoir level

INDUSTRIES

Water and wastewater

Chemical

Food processing

General industry

TO QUOTE THIS WE NEED

- Measuring range and tank height
- Mounting position and available clearance above the maximum level
- Two-wire or four-wire system
- Relay control required — pump start and stop points
- Protection class and power supply voltage

CONFIRM BEFORE ORDERING

- Specify power supply voltage, protection class and any special requirement in advance when ordering, along with all product parameters, installation accessories and quantity.

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QUOTATION

List the product, ID and quantity; add process conditions. We reply with a quotation.

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