

FLOW METERS • ULTRASONIC

Large Diameter Ultrasonic Water Meter

II-FM-003

Model ZYLXUSD

Ultrasonic time-difference



Battery-powered ultrasonic water meter for DN50–DN200 pipelines, with remote meter reading.

ENQUIRIES

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ISSUED

24 October 2026

Large Diameter Ultrasonic Water Meter

Indiana catalogue ID **II-FM-003** Manufacturer model **ZYLXUSD** Flow Meters

Battery-powered ultrasonic water meter for DN50–DN200 pipelines, with remote meter reading.

SIZES	RANGE RATIO	PROTECTION
DN50 – DN200	R250	IP68

01 Overview

Ultrasonic water meter based on the propagation-velocity (time-difference) method, designed for urban water-supply pipeline and household metering and suitable for a range of industrial sites. No mechanical rotating parts, low starting flow, two-way metering and a built-in communication module with IP68 protection.

02 Views



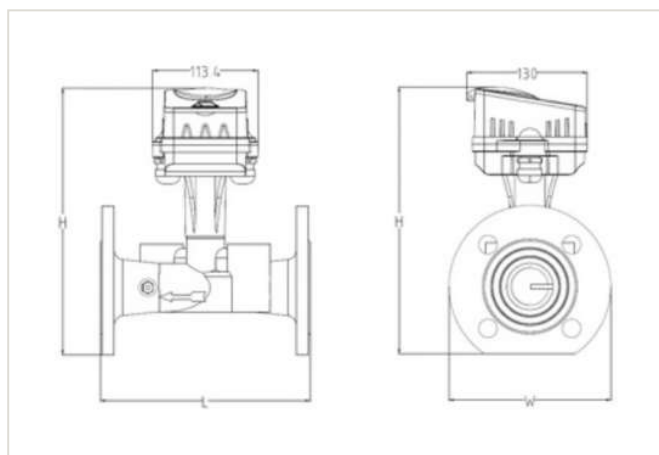
PRIMARY VIEW Large diameter ultrasonic water meter with flanged body and hinged display cover
Product photograph



ALTERNATE VIEW Closed register cover, DN100 body with flanged ends
Product photograph



DETAIL Measurement electronics with the eight-digit LCD module
Product photograph



TECHNICAL Outline drawing: length L, height H and width W vary by size — see the dimension table
Product photograph

03 Principal data

MEASUREMENT

Principle	Ultrasonic, propagation-velocity difference (time-difference) method
Nominal sizes	DN50 to DN200
Range ratio	R250
Accuracy class	Class B
Metering	Two-way (bidirectional); 0.5 s metering cycle
Moving parts	None — no mechanical rotating parts

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

04 Applications and industries

APPLICATIONS

- Urban water-supply pipeline metering
- Household and district metering
- Remote meter reading and data analysis

INDUSTRIES

Water and wastewater

TO QUOTE THIS WE NEED

- Nominal size (DN50–DN200)
- Communication option
- Flange standard
- Quantity

CONFIRM BEFORE ORDERING

- Values are read from the supplied product images and must be confirmed against the approved datasheet before ordering.
- Pressure loss is printed as ΔP_{40} ; confirm the unit and test condition.
- Confirm the approved outline drawing, flange standard and communication option for the ordered size.

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QUOTATION

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

Manufacturer product sheet, Large Diameter Ultrasonic Water Meter ZYLXUSD Figures are reproduced from the source documentation; where a source states two different values both are shown. Nothing on this sheet is a certification, and no hazardous-area approval is implied unless a certificate is supplied with the quotation. INDIANA SALES (INDIANA INSTRUTECH) · info@indianainstrutech.com · issued 24 October 2026.