

FLOW METERS • ELECTROMAGNETIC

Electromagnetic Flow Meter

II-FM-005

Electromagnetic



Obstruction-free flow measurement for conductive liquids, offered here in three listed configurations.

ENQUIRIESinfo@indianainstrutech.com

+91 75033 02545

+91 92893 62447

ISSUED

24 October 2026

Electromagnetic Flow Meter

Indiana catalogue ID **II-FM-005** Flow Meters

Obstruction-free flow measurement for conductive liquids, offered here in three listed configurations.

PRINCIPLE	ACCURACY	PRESSURE
Electromagnetic	0.5 % F.S. (spec card)	1.6 MPa (spec card)

01 Overview

An electromagnetic meter has no moving parts and nothing protruding into the flow: a magnetic field is applied across the pipe and the voltage induced by the moving conductive liquid is proportional to its velocity. That makes it a common choice for water, wastewater and other conductive liquids where pressure loss and wear matter.

The listings in this family show a compact meter with the converter on the tube, a version with a separate converter box, and a DN50 meter with a choice of outputs. They differ in protection rating and signal options, so each is set out below instead of being merged into one specification.

WHAT IDENTIFIES IT

- No moving parts and an open measuring tube
- LCD display on every listed version
- 4–20 mA, RS485 and pulse outputs across the listed versions
- Stainless-steel construction named on two of the three listings

02 Views



PRIMARY VIEW Electromagnetic Flow Meter — overall view
Product photograph



ALTERNATE VIEW Electromagnetic Flow Meter — view 2
Product photograph



ALTERNATE VIEW Electromagnetic Flow Meter — view 3
Product photograph



ALTERNATE VIEW Electromagnetic Flow Meter — view 4
Product photograph

03 Principal data

AS STATED IN THE MANUFACTURER LISTING

Principle	Electromagnetic flow measurement
Display	LCD
Accuracy (spec card)	0.5 % F.S.
Pressure (spec card)	1.6 MPa
Outputs across listings	4–20 mA, RS485, pulse
Protection across listings	IP65 (one listing), IP68 (one listing)

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

04 Applications and industries

APPLICATIONS

- Water and wastewater lines
- Petroleum and oil lines
- Process liquids that conduct electricity

INDUSTRIES

Water and wastewater

Petroleum

Chemical

TO QUOTE THIS WE NEED

- Medium and its temperature
- Line size (DN) and pipe material
- Flow range
- Output and power supply required
- Quantity

CONFIRM BEFORE ORDERING

- Photographs, figures and wording come from the manufacturer's product listing for this family and may describe a sibling configuration; the datasheet for the ordered model is confirmed with the quotation.
- The accuracy and pressure figures are printed on the listing's spec card for two of the three versions; the IP65 version has no card.
- One listing lists "air" among its media. An electromagnetic meter needs a conductive liquid, so confirm the medium before ordering.

TELEPHONE

+91 75033 02545
+91 92893 62447

EMAIL

info@indianainstrutech.com

QUOTATION

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

Manufacturer product listing (saved October 2026). Figures are reproduced as listed; spec-card values and title values are shown separately where they differ. 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.