

FLOW METERS • ELECTROMAGNETIC

Electromagnetic Flow Meter

II-FM-005

Electromagnetic



Full specification, variants, open points and ordering information. Obstruction-free flow measurement for conductive liquids, offered here in three listed configurations.

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ISSUED

24 October 2026

Electromagnetic Flow Meter

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

IDENTIFICATION

Product	Electromagnetic Flow Meter
Indiana catalogue ID	II-FM-005
Category	Flow Meters · Electromagnetic
Measuring principle	Electromagnetic
Model line	Compact and remote converter
Document	Specification · issued 24 October 2026

01 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)

02 Variants and model selection (3)

IP68 · RS485 — COMPACT METER, IP68, RS485, LCD

Listed for petroleum and water duties; converter on the measuring tube.

Protection	IP68
Output	RS485
Display	LCD
Accuracy (spec card)	0.5 % F.S.
Pressure (spec card)	1.6 MPa

IP65 · 4–20 MA — LOW-COST METER, IP65, 4–20 MA, LCD

Listed for water; the photographs show a remote converter box beside the meter.

Protection	IP65
Output	4–20 mA
Display	LCD
Body	Stainless steel

DN50 — DN50 METER WITH 4–20 MA, RS485 AND PULSE

Listed for water and oil.

Nominal size	DN50
Outputs	4–20 mA, RS485, pulse
Body	Stainless steel
Accuracy (spec card)	0.5 % F.S.
Pressure (spec card)	1.6 MPa

03 Open points — confirmed with the quotation

NOT STATED IN THE LISTING — CONFIRMED WITH THE QUOTATION

Sizes other than DN50	<i>Not stated in the source</i>
Flow range	<i>Not stated in the source</i>
Liner and electrode materials	<i>Not stated in the source</i>
Minimum liquid conductivity	<i>Not stated in the source</i>
Power supply	<i>Not stated in the source</i>
Temperature limits	<i>Not stated in the source</i>

Each line above is a value the source documentation does not state. It is confirmed in writing with the quotation for the configuration ordered — it is not an omission from this document.

04 Applications and industries

APPLICATIONS

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

INDUSTRIES

Water and wastewater

Petroleum

Chemical

05 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



ALTERNATE VIEW Electromagnetic Flow Meter — view 5
Product photograph

06 Ordering

Quote reference	II-FM-005
Model / variant options	DN50 · IP68 · RS485 · IP65 · 4–20 mA · DN50
Lead time, terms, documentation	Confirmed in the quotation

TO PREPARE A QUOTATION WE NEED

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

TELEPHONE	EMAIL	QUOTATION
+91 75033 02545 +91 92893 62447	info@indianainstrutech.com	List the product, ID and quantity; add process conditions. We reply with a quotation.

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.

Manufacturer product listing (saved October 2026). Figures are reproduced as listed; spec-card values and title values are shown separately where they differ. Values are reproduced from the source documentation as stated there; where a source gives two different values for the same property, both are shown with their source. Unstated values are listed under “Open points”. This document is not a certificate, and no approval, certification or hazardous-area suitability is implied. INDIANA SALES (INDIANA INSTRUTECH) · info@indianainstrutech.com · +91 75033 02545 · +91 92893 62447 · issued 24 October 2026.