

FLOW METERS • ELECTROMAGNETIC

Insertion Electromagnetic Flow Meter

II-FM-006

Electromagnetic, insertion probe



A probe that goes into the pipe through a fitting, with the converter mounted separately — electromagnetic measurement without a full-bore meter body.

ENQUIRIESinfo@indianainstrutech.com

+91 75033 02545

+91 92893 62447

ISSUED

24 October 2026

Insertion Electromagnetic Flow Meter

Indiana catalogue ID **II-FM-006** Flow Meters

A probe that goes into the pipe through a fitting, with the converter mounted separately — electromagnetic measurement without a full-bore meter body.

PROBE	CONVERTER	OUTPUTS
Insertion	Split (remote)	4–20 mA · RS485

01 Overview

Insertion electromagnetic meters measure velocity at the tip of a probe inserted through a tapping, then convert it to flow for the pipe. They are attractive on larger pipes and for retrofits, because the line needs only a fitting rather than a new spool.

The two listings in this family describe the same arrangement — probe plus separate digital converter joined by cable — and both mention a DN50 pipe. Photographs show the probe assembly, the converter and the connecting cable.

WHAT IDENTIFIES IT

- Insertion probe — no full-bore meter body
- Remote (split) digital converter
- 4–20 mA and RS485 named in both listings
- Water, liquid, wastewater and oil named as media

02 Views



PRIMARY VIEW Insertion Electromagnetic Flow Meter — overall view
Product photograph



ALTERNATE VIEW Insertion Electromagnetic Flow Meter — view 2
Product photograph



ALTERNATE VIEW Insertion Electromagnetic Flow Meter — view 3
Product photograph



ALTERNATE VIEW Insertion Electromagnetic Flow Meter — view 4
Product photograph

03 Principal data

AS STATED IN THE MANUFACTURER LISTING

Principle	Electromagnetic, insertion type
Converter	Split — separate from the probe
Display	Digital
Outputs	4–20 mA, RS485
Size cue	DN50 appears in both listing titles
Media named	Water, liquids, wastewater, oil

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

04 Applications and industries

APPLICATIONS

- Larger water lines
- Wastewater lines
- Retrofit to an existing pipeline
- Oil and other conductive liquids

INDUSTRIES

Water and wastewater

Petroleum

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.
- Both listings also mention "air"; as with any electromagnetic meter, the medium must be a conductive liquid — confirm before ordering.
- Confirm whether DN50 is the pipe size the probe suits or an example.

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.