

FLOW METERS • VORTEX

# Vortex Flow Meter

II-FM-008

Vortex shedding



Full specification, variants, open points and ordering information. A bluff body in the flow sheds vortices at a rate set by velocity — a robust principle for gas, compressed air and steam.

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**ISSUED**

24 October 2026

# Vortex Flow Meter

Indiana catalogue ID **II-FM-008** Flow Meters · Vortex

## IDENTIFICATION

|                      |                                        |
|----------------------|----------------------------------------|
| Product              | Vortex Flow Meter                      |
| Indiana catalogue ID | II-FM-008                              |
| Category             | Flow Meters · Vortex                   |
| Measuring principle  | Vortex shedding                        |
| Model line           | Gas, air and steam                     |
| Document             | Specification · issued 24 October 2026 |

## 01 As stated in the manufacturer listing

|               |                                                                                |
|---------------|--------------------------------------------------------------------------------|
| Principle     | Vortex flow meter                                                              |
| Flow velocity | 0.01 m/s to 10 m/s (two listing titles)                                        |
| Outputs       | RS232 (two listings); 4–20 mA (spec card and one listing)                      |
| Accuracy      | 1 % F.S. on the spec card; titles state 0.2 % F.S. and 0.5 % — to be confirmed |
| Connection    | Flanged (one listing)                                                          |
| Body          | Stainless steel (one listing)                                                  |

## 02 Variants and model selection (4)

### RS232 · MINI — MINI VORTEX METER, LCD, RS232

Velocity span 0.01–10 m/s.

|          |             |
|----------|-------------|
| Output   | RS232       |
| Display  | LCD         |
| Velocity | 0.01–10 m/s |

### RS232 · 304 — STAINLESS-STEEL VORTEX METER

Listed for natural gas.

|                  |                 |
|------------------|-----------------|
| Output           | RS232           |
| Body             | Stainless steel |
| Velocity         | 0.01–10 m/s     |
| Accuracy (title) | 0.2 % F.S.      |

## FLANGED — FLANGED DIGITAL VORTEX METER

Listed for gas, water and air.

|                  |         |
|------------------|---------|
| Connection       | Flanged |
| Display          | Digital |
| Accuracy (title) | 0.5 %   |

## 4-20 MA — STEAM AND COMPRESSED-AIR METER

Listed for compressed air, nitrogen, saturated and superheated steam.

|                      |          |
|----------------------|----------|
| Output               | 4-20 mA  |
| Accuracy (spec card) | 1 % F.S. |

## 03 Open points — confirmed with the quotation

### NOT STATED IN THE LISTING — CONFIRMED WITH THE QUOTATION

|                                 |                                 |
|---------------------------------|---------------------------------|
| Nominal sizes and flow ranges   | <i>Not stated in the source</i> |
| Temperature and pressure limits | <i>Not stated in the source</i> |
| Process connection standard     | <i>Not stated in the source</i> |
| Power supply                    | <i>Not stated in the source</i> |
| Protection rating               | <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

- Compressed air and nitrogen
- Natural gas
- Saturated and superheated steam
- Gas and water measurement

### INDUSTRIES

Power generation

Process steam

Chemical

Natural gas

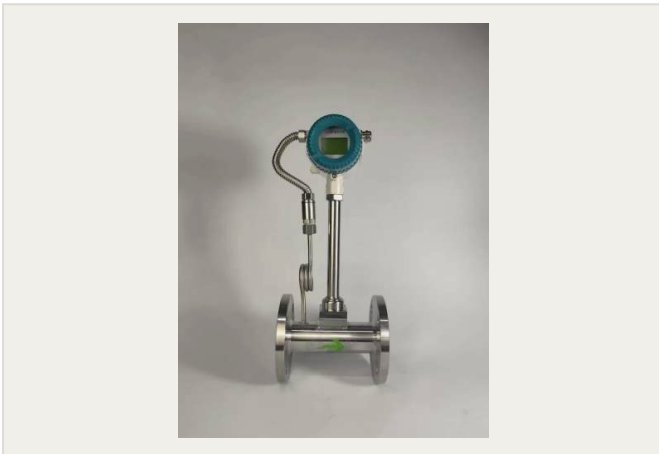
## 05 Views



**PRIMARY VIEW** Vortex Flow Meter — overall view  
Product photograph



**ALTERNATE VIEW** Vortex Flow Meter — view 2  
Product photograph



**ALTERNATE VIEW** Vortex Flow Meter — view 3  
Product photograph



**ALTERNATE VIEW** Vortex Flow Meter — view 4  
Product photograph



**ALTERNATE VIEW** Vortex Flow Meter — view 5  
Product photograph

## 06 Ordering

|                                 |                                                |
|---------------------------------|------------------------------------------------|
| Quote reference                 | II-FM-008                                      |
| Model / variant options         | RS232 · mini · RS232 · 304 · Flanged · 4–20 mA |
| 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<br>+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.
- Accuracy is stated three different ways across the listings (0.2 %, 0.5 % and a 1 % F.S. spec card); none is confirmed.

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.