

FLOW METERS • VORTEX

Vortex Flow Meter

II-FM-008

Vortex shedding



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

A bluff body in the flow sheds vortices at a rate set by velocity — a robust principle for gas, compressed air and steam.

PRINCIPLE	FLOW VELOCITY	OUTPUT
Vortex	0.01–10 m/s (two listings)	4–20 mA · RS232

01 Overview

Vortex meters measure the frequency of vortices shed from a bluff body placed in the pipe. With no moving parts they tolerate gases and steam well, which is why the listings in this family concentrate on air, nitrogen, natural gas and steam.

Four listings are grouped: a mini vortex meter with RS232, a stainless-steel RS232 meter named for natural gas, a flanged digital meter for gas, water and air, and a 4–20 mA meter for compressed air, nitrogen and steam. The photographs show flanged inline meters and a mounting-hardware kit.

WHAT IDENTIFIES IT

- No moving parts in the flow
- LCD display on the listed versions
- RS232 and 4–20 mA outputs across the listings
- Compressed air, nitrogen, natural gas and steam named as media

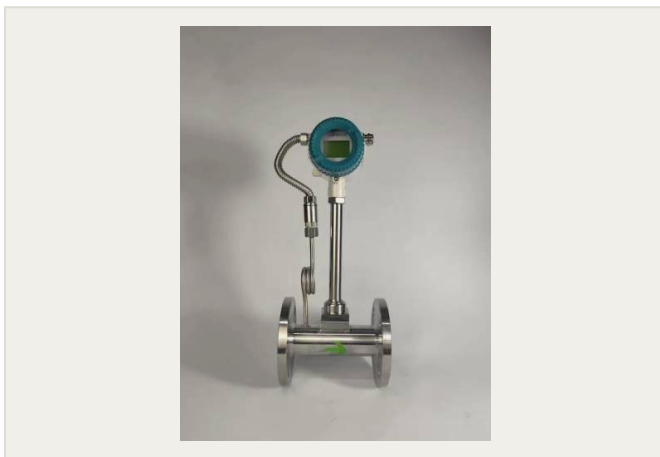
02 Views



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

03 Principal data

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)

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

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

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.
- Accuracy is stated three different ways across the listings (0.2 %, 0.5 % and a 1 % F.S. spec card); none is confirmed.

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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.