

PRODUCT INFO

PRODUCT NAME

Mini Vortex Flow Meter

PRODUCT CODE

VWFS-2

PRODUCT CATEGORY

Flowmeter

PRODUCT PRICE

Talk with a Serrata Instruments Reseller



APPLICATION GUIDELINES

Vortex based flowmeters are a reliable solution for measuring flow in a wide range of semi-industrial applications, thanks to their no-moving-part design that ensures long-term stability and minimal maintenance. Our compact vortex based flowmeter is tailored for small-diameter pipes (from 1/2" to 1-1/4") and provides accurate flow measurements with a cost-effective construction. The PPS+GF body material offers excellent chemical resistance and thermal stability, making it suitable for many demanding environments without the weight or cost of full metal alternatives.



COMPACT & RELIABLE VORTEX BASED FLOWMETER FOR SMALL PIPE APPLICATIONS

Designed for ease of use and seamless integration, this transmitter features a simple 2-wire 4-20mA output via an M12 5-pin connector. Whether used in compact OEM systems or standalone process lines, the device delivers dependable performance and is ideal for monitoring clean liquids in small pipelines. With its balance of affordability, durability, and measurement reliability, it's an excellent choice for cost-sensitive yet quality-conscious applications.

CONTACT US

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KEY FEATURES PRODUCT

INTEGRATION AVAILABILITY

- Easy connection thanks to 2 wire 4-20 mA output

OPTIONS

- DN6, DN10, DN20, DN25

CHARACTERISTIC FEATURES

- No moving part, Low Pressure Loss, cost-effective

APPLICATION USAGE

- Water Heater, Cleaning Industry, Medical, Food Processing, Heat Recovery System, Underfloor Heating, Methanol - Ethanol lines, Tap Water, Agriculture, Fish Farming



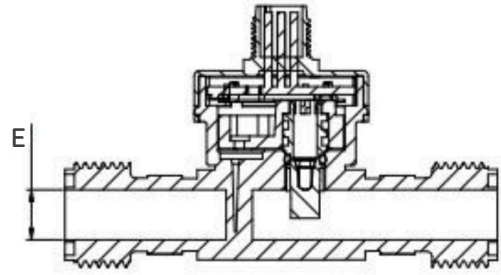
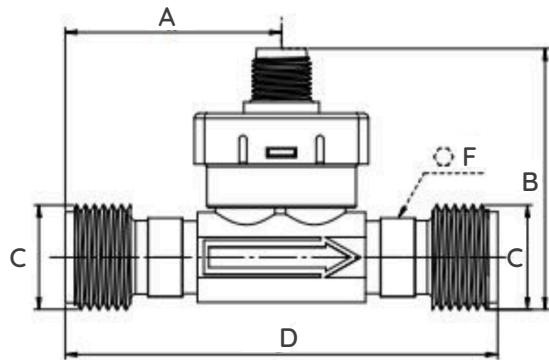
| Versions | VWFS-2-6 | VWFS-2-10 | VWFS-2-20 | VWFS-2-25 |
|--------------------------|---|--------------|--------------|----------------|
| Process Connection | G1/2" | G1/2" | G1" | G1-1/4" |
| DN value | DN6 | DN10 | DN20 | DN25 |
| Measuring Range | 0,5.....10 l/m | 2.....32 l/m | 5.....85 l/m | 10.....150 l/m |
| Accuracy / Repeatability | ±1% of Full Range (< 50% range) ±2% of Reading (> 50% range) | | | |
| Working Temperature | +2.....+90 °C (no thermal shock) | | | |
| Ambient Temperature | 0.....+65 °C | | | |
| Working Pressure | max 10 Bar | | | |
| Medium to be measuring | Clean Liquids, Drinking Water | | | |
| Body Material | PPS+GF | | | |
| Power Supply | 24 Vdc (Typical) (11,5...25 Vdc) | | | |
| Dimension | Check next page | | | |
| Output Signal | 4-20 mA (2 wire connection) on M12 5pin connector | | | |





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DIMENSION



| Model | VWFS-6 | VWFS-10 | VWFS-20 | VWFS-25 |
|-------|---|---|---|---|
| DN | DN6 | DN10 | DN20 | DN25 |
| A | 42 mm | 43,5 mm | 52,5 mm | 60 mm |
| B | 51,5 mm | 52,5 mm | 59,5 mm | 66,5 mm |
| C | G1/2" | G1/2" | G1" | G1-1/4" |
| D | 77 mm | 87 mm | 105 mm | 120 mm |
| E | 11,5 mm | 11,5 mm | 20 mm | 26 mm |
| F | 12 mm | 19 mm | 27 mm | 34 mm |
| |  |  |  |  |



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