



# Vortex Meter

• RFQ

Fill in the form below, complete sections 1 through 5 and email to: [veris-sales@armstronginternational.com](mailto:veris-sales@armstronginternational.com)

Requested By: \_\_\_\_\_

Date: \_\_\_\_\_ Tag#: \_\_\_\_\_ E-mail: \_\_\_\_\_

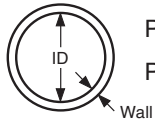
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Company: \_\_\_\_\_ Address: \_\_\_\_\_ City, State, Zip: \_\_\_\_\_

End User:

Company Name: \_\_\_\_\_ City: \_\_\_\_\_ State, Zip: \_\_\_\_\_

## 1. Enter Pipe Dimensions



Pipe Size \_\_\_\_\_ Sch \_\_\_\_\_

Pipe ID \_\_\_\_\_ Wall \_\_\_\_\_ Pipe Mat'l \_\_\_\_\_

## 2. Pipe Orientation

(Check one box)



(H) Horizontal



(V) Vertical

## 3. Enter Flow Conditions

Fluid Name:		Maximum	Normal	Minimum	Units
Flow Rate					
All Fluids	Pressure @ Flow				
	Temperature @ Flow				
Gas	Specific Gravity, or				
	Molecular Weight				
Liquid	Specific Gravity				
Steam	Vortex Sizing Program can calculate Density from Temperature and Pressure				

Special Instructions

Complete Section 4 for AVF OR Section 5 for AVI

## 4. AVF Inline Vortex Meter

(Check one box in each category)

Process Connection:

- 150# Flange
- 300# Flange
- 600# Flange
- 600# Wafer
- PN16
- PN40
- PN64

Electronics:

- NEMA 4X Enclosure
- Remote NEMA 4X Enclosure, 50 ft cable
- Remote NEMA 4X Enclosure, 25 ft cable

Multivariable Options:

- Volumetric
- Velocity, Temperature
- Velocity, Temperature, Pressure
- Velocity, Temperature, External Pressure
- Energy
- Energy, Pressure

Output:

- One analog, frequency, one pulse, HART, LP power only
- One analog, frequency, one alarm, one pulse, HART, DC or AC power
- One analog, frequency, one alarm, one pulse, Modbus, DC or AC power
- One analog, frequency, one alarm, one pulse, BACnet™, DC or AC power
- Three analog, frequency, three alarms, one pulse, HART, DC or AC power
- Three analog, frequency, three alarms, one pulse, Modbus, DC or AC power
- Three analog, frequency, three alarms, one pulse, BACnet™, DC or AC power

Input Power:

- 12-36VDC, 25mA, 1W max, loop powered, output option 1 only
- 12-36VDC, 300mA, 9W max, output options 2, 3, 4, 5, 6, 7
- 10-240VAC, 5W max, output options 2, 3, 4, 5, 6, 7

## 5. AVI Insertion Vortex Meter

(Check one box in each category)

Process Connection:

- Compression Fitting
- Packing Gland

Retractor (optional):

- Permanent Retractor
- Removeable Retractor

Connection Type (2 inch, DN50):

- 150# Flange
- 300# Flange
- 600# Flange
- NPT
- PN16
- PN40
- PN64

Electronics:

- NEMA 4X Enclosure
- Remote NEMA 4X Enclosure, 50 ft cable
- Remote NEMA 4X Enclosure, 25 ft cable

Multivariable Options:

- Volumetric
- Velocity, Temperature
- Velocity, Temperature, Pressure
- Velocity, Temperature, External Pressure
- Energy
- Energy, Pressure

Output:

- One analog, frequency, one pulse, HART, LP power only
- One analog, frequency, one alarm, one pulse, HART, DC or AC power
- One analog, frequency, one alarm, one pulse, Modbus, DC or AC power
- One analog, frequency, one alarm, one pulse, BACnet™, DC or AC power
- Three analog, frequency, three alarms, one pulse, HART, DC or AC power
- Three analog, frequency, three alarms, one pulse, Modbus, DC or AC power
- Three analog, frequency, three alarms, one pulse, BACnet™, DC or AC power

Input Power:

- 12-36VDC, 25mA, 1W max, loop powered, output option 1 only
- 12-36VDC, 300mA, 9W max, output options 2, 3, 4, 5, 6, 7
- 10-240VAC, 5W max, output options 2, 3, 4, 5, 6, 7