

# FLOW - STEAM

## FLOW METER (VORTEX TYPE)

### SS304 / SS316



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Gas / Steam P&T  
Compensation Intelligent  
Vortex Flowmeter



Saturated Steam  
Temperature  
Compensation  
Vortex



Saturated Steam  
Temperature  
Compensation  
Vortex Flowmeter



Instantaneous Flow  
& Dismounting  
Vortex Flowmeter

## APPLICATION

Suitable for saturated steam, superheated steam, etc.  
(Refer to corrosion resistance table for valve materials selection).

## SPECIFICATION

|                     |                                                                               |
|---------------------|-------------------------------------------------------------------------------|
| Size Range          | 1/2" to 20"                                                                   |
| Body Material       | SS304 and SS316                                                               |
| Pressure Rating     | PN10, PN16, PN25 and PN40<br>ANSI 150#, 300# and 600#<br>JIS 10K, 20K and 40K |
| Working Temperature | Up to 420°C                                                                   |
| Connection          | PN10, PN16, PN25 and PN40<br>ANSI 150#, 300# and 600#<br>JIS 10K, 20K and 40K |

## PRODUCT FEATURE

|                    |                                                                                                                                                                                                                                 |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size               | 1/2" to 20"                                                                                                                                                                                                                     |
| Material           | Stainless Steel 301 (Wafer type only) , Stainless Steel 304, Stainless Steel 316                                                                                                                                                |
| Process Connection | Wafer Type, PN10, PN16, PN25, PN40, ANSI 150#, ANSI 300#, ANSI 600#, JIS 10K, JIS 20K, JIS 40K, Others                                                                                                                          |
| Function           | Display (without Temperature / Pressure compensation)<br>Display + Pressure + Temperature calculation<br>Display + Temperature sensor *Note<br>Display + Pressure sensor *Note<br>Display + Pressure / Temperature sensor *Note |
| Output             | 4 - 20mA (2 Wire)<br>Battery power (Display only, without output)<br>Scale pulse output (3 Wire)<br>Rs485 Communication + Scale pulse output (3 Wire)                                                                           |
| Max. Temperature   | -40°C to 280°C<br>-40°C to 320°C<br>-40°C to 330°C (Under pressure replacing sensor)<br>-40°C to 420°C (Under pressure replacing sensor)                                                                                        |
| Protection Class   | Intrinsically safe, Eex ia IIC T4<br>Explosion proof, Exd IIC T6                                                                                                                                                                |
| Installation       | Compact, Remote type with 10M cable                                                                                                                                                                                             |
| Option             | None, Reducing bore type, Cable entry 1/2" Nptf                                                                                                                                                                                 |