

## Multi-Parameter Vortex Flowmeter (Clamping Type)



### Features

- High sensitivity, the lower limit of gas flow can reach 2m/s
- The range ratio exceeds the traditional vortex street and the measurement flow rate range is wide.
- Double vortex sensor design, excellent vibration resistance
- No moving parts, no pressure loss
- Fully isolated electrical structure completely filters out external interference
- Wide supply voltage input
- Large screen LCD double line display, clear and easy to read

GMF603 Series Vortex Flowmeter	
Model	GMF603-D
Medium	Gas/steam/liquid
Nominal Caliber	15 to 300 mm (1/2 to 12 inches)
Flow Range	Gas/steam: DN15, DN20: 6m/s to 70m/s; DN25, DN32: 4m/s to 70m/s; DN40 to DN300: 2m/s to 70m/s Liquid: 0.3m/s to 7m/s
Accuracy	Working condition flow: $\pm 1.0\%$ RD (gas/steam); mass flow: $\pm 1.5\%$ RD; medium pressure: Medium temperature: $\pm 1.0\text{ }^{\circ}\text{C}$ ( $\pm 1.0\%$ FS when $>100\text{ }^{\circ}\text{C}$ )
Repeatability	$\pm 0.3\text{RD}\%$
Signal Interface	4-20mA@HART, RS-485, Bluetooth, Internet of Things
Power Supply	13.5 ~ 42VDC
Medium Temperature	-40 to 150 $^{\circ}\text{C}$ (normal temperature type); -40 to 250 $^{\circ}\text{C}$ (high temperature type)
Process Pressure	1.6MPa (universal); 2.5Mpa/4.0MPa (optional)
Process Temperature	-40 ~ +85 $^{\circ}\text{C}$
Environment Humidity	5 to 100% RH
Process Connection	Clamp type / flange connection type / clamp connection (sanitary) type
Protection Level	IEC IP65/IP67
Explosion-proof Grade	ExdIICT3/FM/CSA/ATEX
Material	Body: 304 or 316L Vortex sensor: 316L Temperature sensor: 304 Pressure sensor: 316L Converter housing: aluminum
Remarks	Installation methods, pressure levels, body materials, output signals and other parameters can be customized according to different customer needs.