

Vortex Flowmeter (Plug-in Type)



Features

- Applicable to any shape pipe with large diameter and known cross-sectional area
- The range ratio exceeds the traditional plug-in vortex street
- Double probe design
- Fully isolated electrical structure completely filters out external interference
- IP65 housing
- Modbus and HART@4~20mA bus interface

GMF603 Series Vortex Flowmeter

Model	GMF603-C
Medium	Gas/steam/liquid
Nominal Caliber	200 to 1000mm (8 to 40 inches)
Flow Range	Gas/steam: 2~70m/s Liquid: 0.3m/s to 7m/s
Accuracy	Liquid: $\pm 2.0\%$ FS; gas or steam: $\pm 2.0\%$ FS
Repeatability	$\pm 0.3\%$ RD
Signal Interface	Analog quantity: 4 to 20 mA two-wire system; vortex frequency/pulse three-wire system 0 ~ 5Khz pulse; instantaneous/accumulated flow; current output; 0 ~ 10Khz pulse; Digital interface: HART@4~20mA two-wire system; Modbus@RS-485 four-wire system
Power Supply	13.5 ~ 42VDC
Medium Temperature	-40 ~ 150°C
Process Pressure	1.6MPa (universal); 2.5MPa (optional)
Process Temperature	-40 ~ +85°C
Environment Humidity	5 to 100% RH
Process Connection	DN100 flange connection type
Protection Level	IEC IP65/IP67
Explosion-proof Grade	ExdIICT3/FM/CSA/ATEX
Material	Body: 304 or 316L Vortex 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.