

Universal Vortex Flowmeter (Pipe Type)



Features

- Based on dual probe anti-vibration algorithm, better vibration resistance
- Intelligent self-diagnosis function
- Simple and user-friendly parameter settings, common function settings are combined for easy
- Two-wire system for temperature and pressure compensation HART@4 ~ 20mA support Modbus RTU

GMF603 Series Vortex Flowmeter	
Model	GMF603-B
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	Liquid: $\pm 1.0\%$ RD; liquid or steam: $\pm 1.0\%$ RD
Repeatability	$\pm 0.3\%$ RD
Signal Interface	4~20mA@HART, RS-485, Bluetooth, Internet of Things
Power Supply	13.5 ~ 42VDC
Medium Temperature	-180 ~ 100°C (low temperature type); -40 ~ 150°C (normal temperature type); -40 ~ 250°C (medium temperature type); -40 ~ 350°C (high temperature type)
Process Pressure	1.6MPa (universal) 2.5MPa, 4.0MPa (optional)
Process Temperature	-40 ~ +85°C
Environment Humidity	5 to 100% RH
Process Connection	Clamp type / 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.