

VORTEX FLOW METER

VFM55 SERIES MICRO VORTEX FLOWMETER

Flow Measurement
& Monitoring



DESCRIPTION

VFM55 is a micro flow meter utilizing “Karman vortex” theory, which can meet the requirement of measuring small flow rate of various fluids such as air, non-corrosive gas and liquid, pipeline with diameter from 8mm to 25mm.

The flow rate will not be affected by impurities such as liquid moisture and oil particles, which meets the needs of real-time gas consumption monitoring for compressed air or impure gases applications. Based on the dual-probe anti-vibration algorithm and digital signal spectrum analysis technology, it can provide wider and accurate measurement. Gas consumption data are vital for reducing energy consumption and improving the of energy saving and process.

FEATURES

- ✓ Wet/dry air measurement
- ✓ Small pipeline measurement - DN8 to DN25 (1/4” to 1”)
- ✓ Data display of temperature, pressure, standard flow
- ✓ Battery power supply; 24VDC
- ✓ Communication via bluetooth and APP (optional)
- ✓ User friendly operating interface

TECHNICAL FEATURES

Pipe diameter	8mm to 25mm (1/4” to 1”)
Range	16 to 300L/min (volume flow)
Accuracy	1.0% of reading or 3.0% of reading
Fluid temperature	-40 to +80°C
Pressure rating	1.0Mpa
Power supply	Battery or 24VDC
Communication	Pulse, RS485, Bluetooth
Data display	Temperature, pressure, standard flow
Housing	PPS
Wetted parts material	Aluminium-alloy

Pipe size (mm)	Pipe size (inch)	4barG		5barG		6barG		7barG	
		Min NL/min	Max NL/min	Min NL/min	Max NL/min	Min NL/min	Max NL/min	Min NL/min	Max NL/min
8mm to 25mm	1/4” to 1”	80	1500	96	1800	112	2100	128	2400

I-SYSTEM MEASUREMENT
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