

CORIOLIS MASS FLOW METER



GICO Series

Feature

- Dedicated ASIC with digital closed-loop control (DLC) improves the performance of gas-liquid flow measurement
- Dynamic vibration balance (DVB) technology enhances system stability 2-point temperature compensation and process pressure compensation Special configurations for difficult applications,
- Lower pressure loss,
- Noise isolation,
- Smooth flow path.
- wide rangeability 100:1.
- Non-linear vibration restraint technology.
- Symmetrical tubes and differential inside structure.

Power consumption	≤20W
Enclosure rating	IP65, IP67, IP68 (Remote Style Options only)
Ex approval	Ex d ib IIC T6 Gb
Process temperature	-240°C-350°C(-400°F-662°F)
Liquid Density Performance	
Error	± 0.0005 g/cm ³ (0.5 kg/m ³)
Repeatability	± 0.0002 g/cm ³ (0.2 kg/m ³)
Range	0.1g/cm ³ -3.0g/cm ³ (100kg/m ³ -3,000kg/m ³)

Application

- Petrochemical Engineering & New Energy.
- Automotive & Smelt Industry.
- Papermaking and Pulp & Environmental Monitoring.
- Cryogenic Manufacturing.
- Combustion control to boilers.
- Ethylene gas transfer.
- Fiscal custody transfer.
- Challenging liquid, gas and slurry applications.

Model	Suffix Code									Description
GICO	●	●	●	●	●	●	●	●	●	Coriolis Mass Flowmeter
Type	V U M									V Type U Type Micro Bend Type
Diameter	XXX									Stand for diameter001:DN1; 010:DN10100:DN100;
Signal Output	1									4-20mA/0-10KHz
Communication		1 2 3 4 5								RS485 Hart PF FF None
Pressure Rating			16 40 63 XX							1.6Mpa 4.0Mpa 6.3Mpa On request(10Mpa, 16Mpa are for options)
Temperature Rating			T1 T2 T3 T4							-50 ~ +150 °C -50 ~ +250 °C -50 ~ +350 °C -200 ~ +150 °C
Wet Part Material			S6 HC XX							SS316 Hastelloy Alloy C On request
Accuracy Rating				01 02 XX						0.10% of rate 0.20% of rate On request
Connection				Axx Dxx Jxx TRC THR						ANSI Flange;A15:ANSI 150#;A30:ANSI 300#... DIN Flange;D16:DIN PN16;DN25:DIN PN25... JIS Flange;J10K:JIS 10K;J20K:JIS 20K... Tri-clamp type(Sanitary connection) Thread connection
Body Material					S4 S6					SS304 SS316
Structure						S L				Compact type with local display Remote display include bracket
Power Supply							0 1			24V DC 220V AC