

QFM405

Coriolis Mass Flowmeter

Overview

The Coriolis mass flow meter is designed and produced according to world's latest Coriolis technology with better appearance, stability and accuracy to measure mass flow rate of a fluid traveling through a tube, widely applied to alternative energy, oil & gas, chemical, food & beverage, industrial energy, marine, power, pulp & paper, water & wastewater industries, etc.



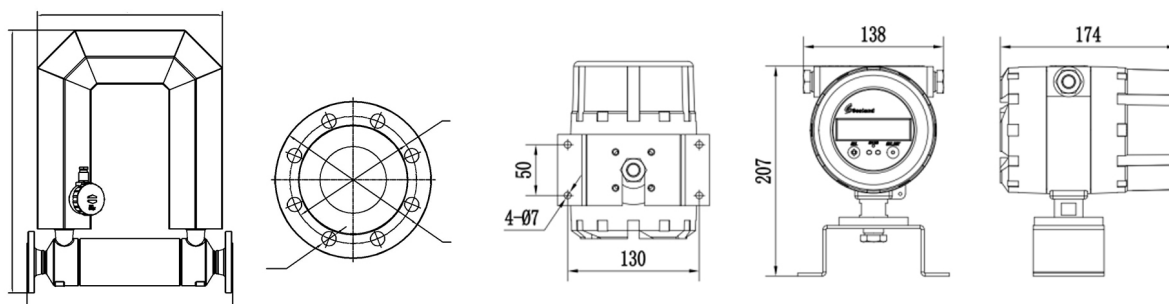
Features

- Measurement is not influenced by flow density, viscosity, temperature & pressure;
- Capable of RS-232, RS-485 ModBus, 4-20mA & HART communication;
- Low power dissipation; stable zero point; better accuracy;
- Meter is ARM system with 3 calculators to count density, temperature & mass flow rate;
- Transmitter is assembled by surface mounting technology with self-inspection function;

Performance Parameter

Accuracy	0.15% 0.2% 0.3% 0.5%
Repeatability	0.075%, 0.1%, 0.15%, 0.25%
Temp Accuracy	± 0.1 °C
Mass Flow	0-1200000 kg/h
Standard Withstand Voltage	4MPa
Nominal Diameter	6mm - 200mm
Connection Specification	DIN2635 PN40 flange
Medium Temperature	-200-300 °C
Wetted Parts	SS316L
Protection Level	IP 65/IP 67
Ex-mark	Ex ib II B / II C T1~T6 Gb
Operating Voltage	(85-265) VAC/(12-24) VDC
Output Signal	4-20 mA; (0-10) kHz pulse single quantity
Communication Signal	Modbus RTU RS-485; Hart

Dimensions



Ordering Guide

QFM405	Coriolis Mass Flowmeter	
15	Code (Nominal Diameter XXX(mm))	
	6 (DN6)	80 (DN80)
	15 (DN15)	100 (DN100)
	25 (DN25)	150 (DN150)
	40 (DN40)	200 (DN200)
	50 (DN50)	
A	Code	
	A	Remote type
	B	Integral type
C	Code	
	C	Flange connection type
	D	Clamp connection type
F	Code	
	E	triangle
	F	V-shaped
	G	U-shaped
I	Code	
	H	Liquids
	I	Gases
K	Code	
	G	2.5MPa
	K	4MPa
L	Code	
	L	60 °C
	M	160 °C
	N	300 °C
O	Code	
	O	(12-24) VDC
	P	(85-265) VAC
U	Code	
	Q	Pulse output
	R	4-20mA
	S	HART
	T	RS485
	Z	RS-232