

# CorFlo™ CMFM

CORIOLIS MASS FLOW METER



## DESCRIPTION

The CorFlo™ CMFM Coriolis Mass Flow Meters are the leading precision flow and density measurement solution offering the most accurate and repeatable mass measurement for liquids, or slurries. CorFlo™ meters offer the most accurate measurement available for virtually any process fluid, while exhibiting exceptionally low pressure drop.

## FEATURES & BENEFITS

- Unchallengeable performance on liquid mass flow, volume flow and density measurement
- Unique design delivers unparalleled measurement sensitivity and stability
- Guarantees consistent, reliable performance over the widest flow range
- Designed to minimize process, mounting, and environmental effect

## SENSOR SPECIFICATIONS

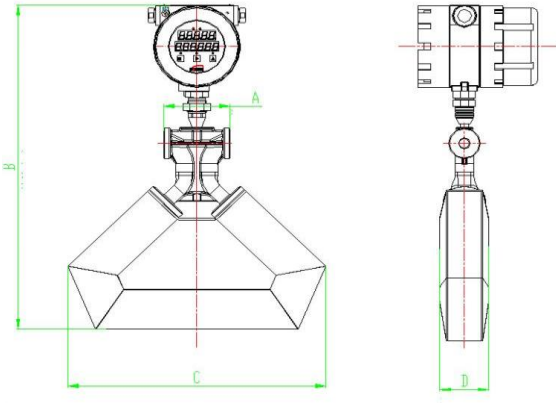
Accuracy	±0.1 ~ 0.5%
Repeatability	±0.1 ~ 0.25%
Density Measurement Range	0.5 ~ 2g/cm <sup>3</sup> , Accuracy: ±0.002 g/cm <sup>3</sup>
Operating Temperature	-58 to 392°F (min: -328 to max: 572°F)
Ambient Temperature	-40 to 140°F
Measuring Tube Material	SS316L
Housing Material	SS304
Nominal Pressure	4.0MPa ; Max:35MPa
Ex-Proof Rating	Ex-Proof: Exd (ia) II C T6Gb

## TRANSMITTER SPECIFICATIONS

Ambient Temperature	-4 ~ 140°F
Display Info	Mass flow: Volume flow, Density, Temperature
Display Mode	LCD
Power Supply	24VDC / 220 VAC
Output Signal	Pulse / 4-20mA
Communication	Modbus
Ex-Proof Rating	Ex d ib IIC T6 Gb

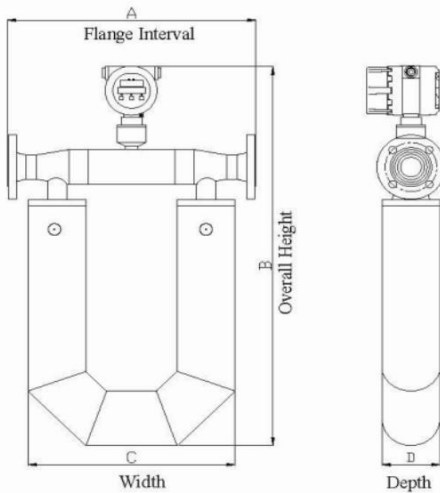
*Specifications subject to change*

### DIMENSIONS



UNIT: INCHES

PART NUMBER	A	B	C	D
<b>CMFM-010</b>	17.7	23.2	14.9	2.3
<b>CMFM-015</b>	17.9	23.2	14.9	2.3



UNIT: INCHES

PART NUMBER	A	B	C	D
<b>CMFM-020</b>	21.2	29.1	18.4	4.2
<b>CMFM-025</b>	21.2	29.1	18.4	4.2
<b>CMFM-040</b>	23.6	39.7	19.6	5.5
<b>CMFM-050</b>	23.4	39.7	19.6	5.5
<b>CMFM-080</b>	34.2	53.7	30.7	8.6
<b>CMFM-100</b>	37.4	56.6	32.6	10.7
<b>CMFM-150</b>	51.1	60.6	45.0	12.7

