

# MOK

INSTRUMENTATION

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## CORIOLIS MASS FLOWMETER

- For all process and custody transfer applications
- Mass, volume flow, density and concentration measurement of liquids, gases and slurry
- Measuring principle independent of the physical fluid properties and the flow profile
- High measuring accuracy
- No inlet/outlet runs necessary



### MOK-008

Accurate measurement of smallest quantities of liquids and gases for continuous process control

This ultra-compact flowmeter offers full performance on the smallest footprint and provides seamless system integration, making MOK-008 the preferred choice for skid builders, equipment manufacturers and system integrators.

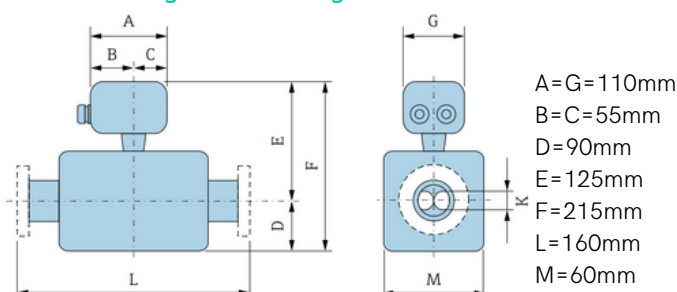
### Standard Specifications

Can be changed according to the order

- Nominal line size : 1/4 inch
- Nominal Flow rate : 1 to 20 g/s
- Process fluid temperature : -40 to 125 °C
- Ambient temperature : -40 to 60 °C
- Process Fluid pressure : 0 to 10 Bar
- Electrical Interface : RS485
- Batch accuracy : +/- 0.5% of batch
- Repeatability : +/- 0.25% of rate

### Dimensions

Can be changed according to the order



### Installation

Pay attention to the following points

- The weight of the flowmeter is 2.2 kg.
- To prevent measuring errors arising from accumulation of gas bubbles in the measuring tube, avoid the following mounting locations in the pipe:
  - Highest point of a pipeline.
  - Directly upstream of a free pipe outlet in a down pipe.
- Pay attention to the direction of flow during installation.
- Flowmeter wiring is as follows :
  - Red : Supply (+)
  - Black : Supply (-)
  - White : Rs485 (A)
  - Green : Rs485 (B)
- The power supply of the flowmeter is 12 to 30 VDC.
- For diagnostic and configuration you can use service tools and software.

