

## BIMCO MASS Flow Products - Gas Flow Meters BMF560 Series



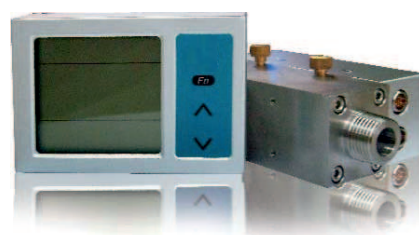
### BMF560 Series with Detachable Display Gas Flow Meters

#### The Products

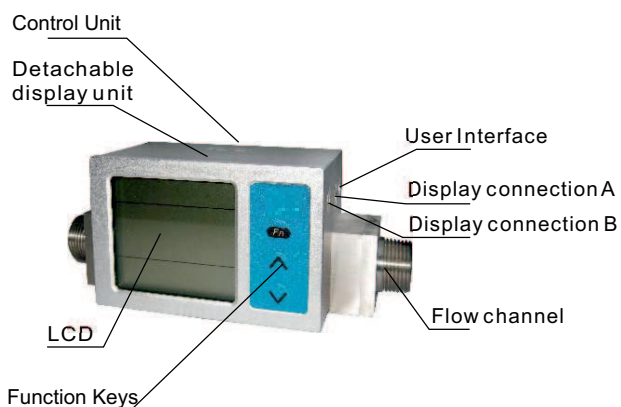
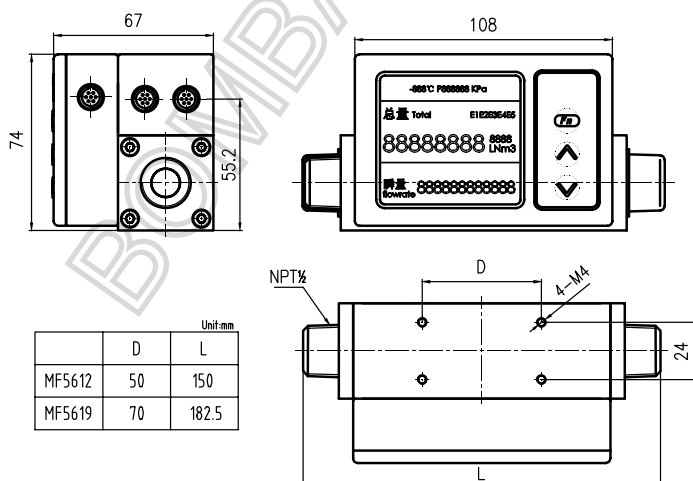
**BMF560 Series Mass Flow Meters** are specially designed for applications where the display is often required to be placed separated away from the flow channel or meter body, such as the oxygen metering system in a hospital. These meters are opted with the standard industrial user interfaces (RS485 and 4 ~ 20mA), and user defined alarm functions for better monitoring or control over the network. The off-the-shelf products (BMF5612 and BMF5619) are for gas flow measurement of 0 ~ 300SLPM and 0 ~ 800 SLPM respectively.

#### Features

- Detachable display that can be placed away from the flow channel via a specially designed cable
- Standard 4 - 20mA or RS 485 for remote data communication
- Hygienic stainless steel body ready for oxygen metering
- Extended rangeability for accurate flow monitoring and control
- Intrinsic safe enclosure



#### Mechanical Dimensions

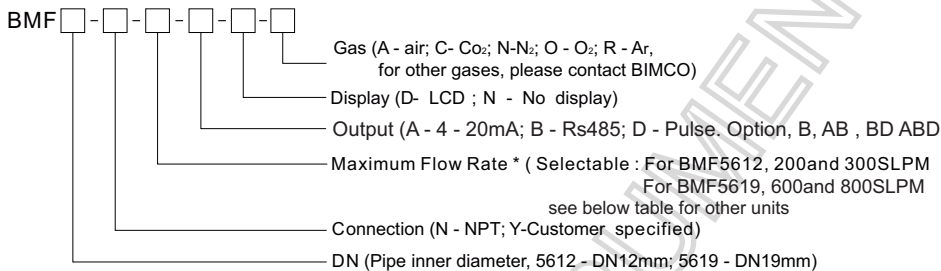


## Specifications

Parameter	BMF5612	BMF5619	Unit
DN	12	19	mm
Max. Flowrate	200, 300	600, 800	SLPM
Min. Flowrate	0.3	0.8	SLPM
Turn-down ratio	30:1		
Accuracy	± (1.5 + 0.2 FS)		%
Repeatability	± 0.5		%
Max. Pressure	1.0		MPa
Operating Temperature	-10 ~ +55		°C
Humidity	< 95 %RH (No icing or condensation)		
Power Supply	12 ~ 24Vdc, 50 mA		
Output	4 ~ 20 mA; RS485; Pulse		
Mechanical Connection	NPT 1/2	NPT 3/4	
Calibration*	Air @ 20 C, 101.325 kPa		

\* For other gases calibration, please contact Siargo.

## Product Selection



\* There is flow rate number only for unit SLPM. If other unit is selected, there must be flow rate number with unit together. For CO , selectable: 200 SLPM (without 300 SLPM) for BMF5612;

Typical flow range:

Model	DN	Connection	Flow Range		
			SLPM	SCFM	NCMH
BMF5612	12mm	1/2"	200	7	12
			300	10.5	18
BMF5619	19mm	3/4"	600	21	36
			800	28	48

## Accessories

Cable 2: LCD cable



Cable 1: User interface cable  
(Part Number: IC7-150)



Cable 2: LCD Cable  
Part Number : IC7-30-IC7, Length :30mm  
Part Number: IC7-200-IC7, Length: 2m

**Manufactured & Marketed By :**  
**M/S. Bombay Instrument Mfg. Co.**

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