



MF5600 Series with Detachable Display

Gas Flow Meters

The Products

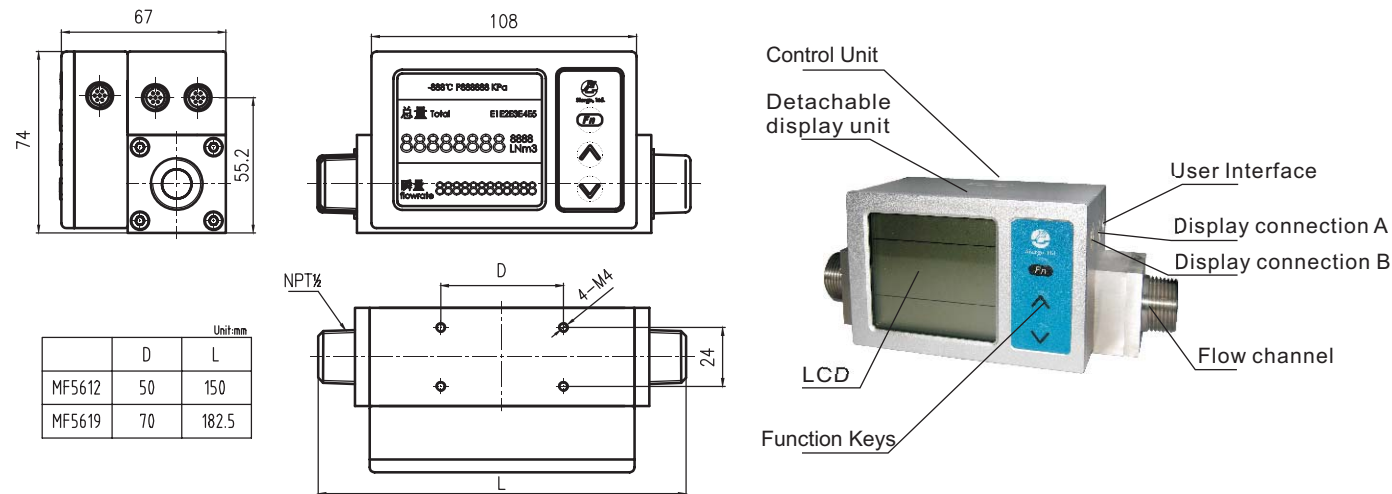
MF5600 series mass flow meters are specially designed for applications where the display is often required to be placed separated away from the flow channel or meter body, such as the oxygen metering system in a hospital. These meters are opted with the standard industrial user interfaces (RS485 and 4 ~ 20mA), and user defined alarm functions for better monitoring or control over the network. The off-the-shelf products (MF5612 and MF5619) are for gas flow measurement of 0 ~ 300 SLPM and 0 ~ 800 SLPM, respectively.

Features

- ✎ Detachable display that can be placed away from the flow channel via a specially designed cable
- ✎ Standard 4 ~ 20 mA or RS485 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



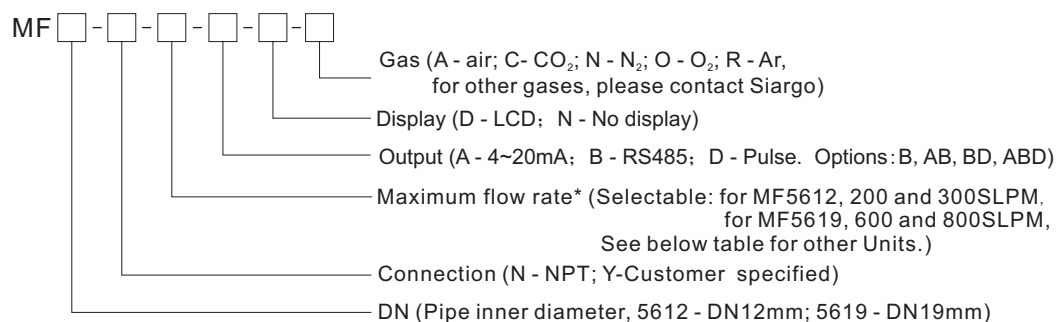
Siargo Mass Flow Products - Gas Flow Meters MF5600 Series

Specifications

Parameter	MF5612	MF5619	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	$\pm (1.5 + 0.2 \text{ FS})$		%
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 CO₂, selectable: 200 SLPM (without 300 SLPM) for MF5612; 600 SLPM (without 800 SLPM) for MF5619.

Typical flow range:

Model	DN	Connection	Flow Range		
			SLPM	SCFM	NCMH
MF5612	12mm	1/2"	200	7	12
			300	10.5	18
MF5619	19mm	3/4"	600	21	36
			800	28	48

Accessories



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



Cable 2: LCD cable
(Part Number: IC7-30-IC7, Length: 30cm;
Part Number: IC7-200-IC7, Length: 2m)