

# MF - Series

Mass Flow Controller / Mass Flow Meter

MFC FLOW is a professional MFC & MFM(Mass Flow Controller & Mass Flow Meter) manufacturer.

MFC FLOW is a company that develops MFC & MFM with its own domestic technology to manufacture, sell and provide customer service.

For further consultation and inquiries, please visit our website or call the company representative.

Please feel free to contact us.  
Thank you.





# Mass Flow Controller MF-200C

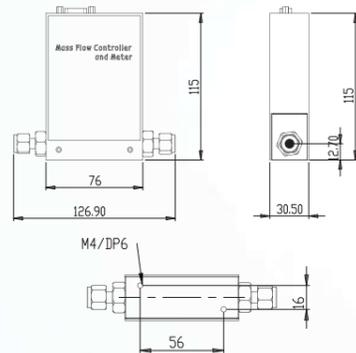
## » Features

- Fast Response Time
- Accurate Low Error Rate for Each Section
- Stable Flow Control
- Wide Pressure Range
- Excellent Corrosion Resistance
- Excellent Linearity
- Excellent Temperature Control Sensor

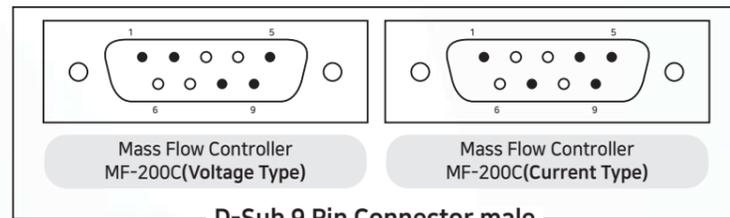
## » Product Specifications

MODEL	MF-200C
Flow Range (N2 Equivalent)	7 SCCM~30 SLPM
Flow Control Range	2%~100% of Full Scale
Accuracy	±1.0% of Full Scale
Linearity	±0.2% of Full Scale
Repeatability	±0.2% of Full Scale
Response Time	≤ 2 sec
Normal Operating Temperature Rang	0~50°C (Accuracy Guaranteed:15~35°C)
Normal Operating Pressure Rang	0bar~100bar(g)
Leak Rate	1x10 <sup>-9</sup> Pa.m <sup>3</sup> /sec(He)
Power supply	+15Vdc or +24Vdc / 300mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	Viton / Buna / kalrez / Teflon / Epdm
Control Type	Normally Closed Solenoid
Connector Type	D-Sub 9 Pin Connector Male
Fittings Type	1/8", 1/4", 3/8" Swagelok 1/4" VCR
Interface Type	Analog
Material of Main Parts	SUS 316L
Warm-up Time	30 min

## » Dimensions drawing



## » Electrical Connections



Pin No.	Electrical Connections	Voltage Type		Current Type	
		MF-200C	MF-200C	MF-200C	MF-200C
1	Signal Common	•	•	•	•
2	0~5Vdc Signal Out	•	•	x	x
3	Valve override	options	options	options	options
4	4~20mA Signal Out	x	x	•	•
5	+15Vdc or +24Vdc / 300 mA Power Supply	•	•	•	•
6	Classis Ground	options	options	options	options
7	4~20mA Signal In	x	x	•	•
8	0~5Vdc Signal In	•	•	x	x
9	Power Common	•	•	•	•

# Mass Flow Meter MF-200M

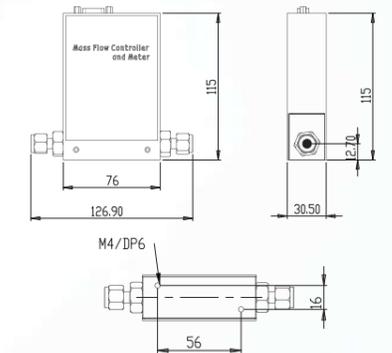
## » Product Specifications

MODEL	MF-200M
Flow Range (N2 Equivalent)	10 SCCM~30 SLPM
Flow Control Range	2%~100% of Full Scale
Accuracy	±1.0% of Full Scale
Linearity	±0.2% of Full Scale
Repeatability	±0.2% of Full Scale
Response Time	≤ 2 sec
Normal Operating Temperature Rang	0~50°C (Accuracy Guaranteed:15~35°C)
Normal Operating Pressure Rang	0bar~100bar(g)
Leak Rate	1x10 <sup>-9</sup> Pa.m <sup>3</sup> /sec(He)
Power supply	+15Vdc or +24Vdc / 300mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	Viton / Buna / kalez / Teflon / Epdm
Control Type	Normally Closed Solenoid
Connector Type	9 Pin D-SUB Connector Male
Fittings Type	1/8", 1/4", 3/8" Swagelok 1/4" VCR
Interface Type	Analog
Material of Main Parts	SUS 316L
Warm-up Time	30 min

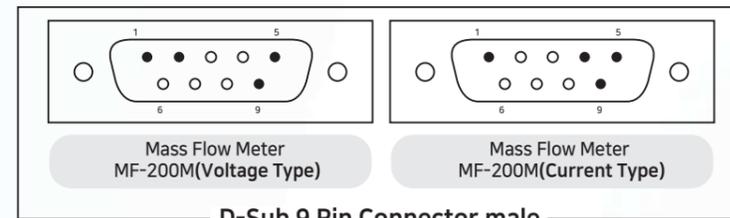
## » Features

- Fast Response Time
- Accurate Low Error Rate for Each Section
- Stable Flow Control
- Wide Pressure Range
- Excellent Corrosion Resistance
- Excellent Linearity
- Excellent Temperature Control Sensor

## » Dimensions drawing



## » Electrical Connections



Pin No.	Electrical Connections	Voltage Type		Current Type	
		MF-200M	MF-200M	MF-200M	MF-200M
1	Signal Common	•	•	•	•
2	0~5Vdc Signal Out	•	•	x	x
3	Valve override	x	x	x	x
4	4~20mA Signal Out	x	x	•	•
5	+15Vdc or +24Vdc / 300 mA Power Supply	•	•	•	•
6	Classis Ground	options	options	options	options
7	4~20mA Signal In	x	x	x	x
8	0~5Vdc Signal In	x	x	x	x
9	Power Common	•	•	•	•

