

MFC FLOW
엠에프씨플로우

MF-Series

Mass Flow Controller
Mass Flow Meter
Readout Box





Analog Mass Flow Controller MF-200C

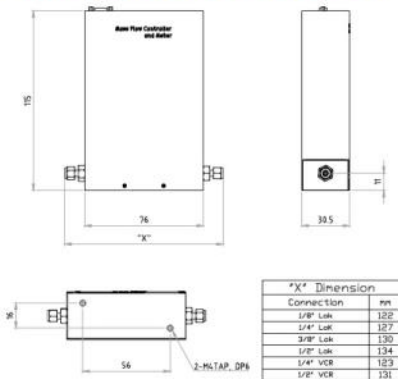
» Features

- 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

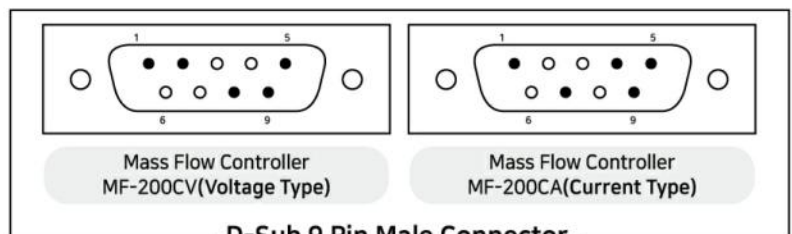
» Product Specifications

MODEL	MF-200C
Flow Range (N2 Equivalent)	0~ 30 SLM
Flow Control Range	2~100% of Full Scale
Accuracy	±1.0% of Full Scale
Linearity	±0.5% of Full Scale
Repeatability	±0.2% of Full Scale
Response Time	≤ 2sec
Normal Operating Temperature Range	0~50°C (Guaranteed Accuracy:15~35°C)
Normal Operating Pressure Range	0~100 Bar(g)
Leak Rate	1×10 ⁻⁸ Pa.m ³ /sec(He)
Power supply	+15Vdc or +24Vdc / Max. 300mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	FKM(Viton) / H-NBR(Buna) / FFKM(Kalrez) / Teflon / EPDM
Control Type	Normally Closed Solenoid
Connector Type	D-Sub 9 Pin Male Connector
Fittings Type	LOK:1/8",1/4",3/8",1/2" VCR: 1/4",1/2"
Interface Type	Analog
Material of Main Parts	SUS 316L
Warm-up Time	15min (Guaranteed Accuracy : 30min)

» Dimensions drawing



» Electrical Connections



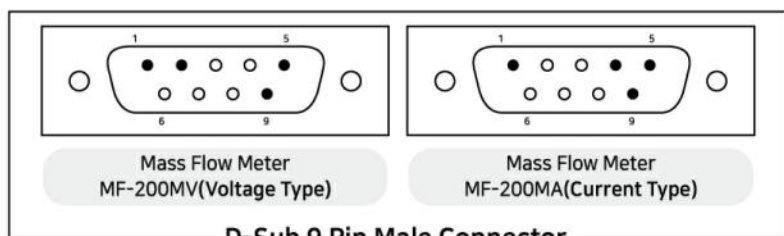
Electrical Connections		Voltage Type	Current Type
Pin No.	Function	MF-200CV	MF-200CA
1	Signal Ground	•	•
2	0~5Vdc Signal Out	•	x
3	Valve override	options	options
4	4~20mA Signal Out	x	•
5	+15Vdc or +24Vdc / Max. 300 mA Power Supply	•	•
6	Chassis Ground	options	options
7	4~20mA Signal In	x	•
8	0~5Vdc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

Analog Mass Flow Meter MF-200M

>> Product Specifications

MODEL	MF-200M
Flow Range (N2 Equivalent)	0~ 30 SLM
Flow Control Range	2~100% of Full Scale
Accuracy	≤±1.0% of Full Scale
Linearity	≤±0.5% of Full Scale
Repeatability	≤±0.2% of Full Scale
Normal Operating Temperature Range	0~50°C (Guaranteed Accuracy:15~35°C)
Normal Operating Pressure Range	0~100 Bar(g)
Leak Rate	1x10 ⁻⁸ Pa.m3/sec(He)
Power supply	+15Vdc or +24Vdc / Max. 300mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	FKM(Viton) / H-NBR(Buna) / FFKM(Kalrez) / Teflon / EPDM
Control Type	Normally Closed Solenoid
Connector Type	D-Sub 9 Pin Male Connector
Fittings Type	LOK:1/8",1/4",3/8",1/2" VCR: 1/4",1/2"
Interface Type	Analog
Material of Main Parts	SUS 316L
Warm-up Time	15min (Guaranteed Accuracy : 30min)

>> Electrical Connections



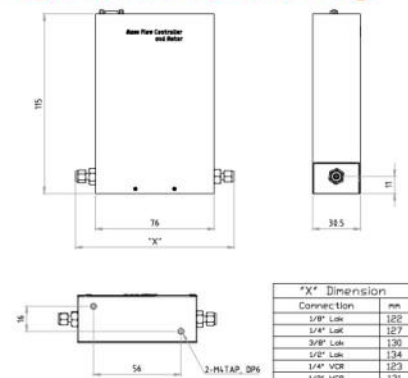
Pin No.	Electrical Connections Function	Voltage Type		Current Type	
		MF-200MV	MF-200MA	MF-200MV	MF-200MA
1	Signal Ground	•	•	•	•
2	0~5Vdc Signal Out	•	•	X	X
3	Valve override	X	X	X	X
4	4~20mA Signal Out	X	X	•	•
5	+15Vdc or +24Vdc / 3Max.00 mA Power Supply	•	•	•	•
6	Chassis Ground	options	options	options	options
7	4~20mA Signal In	X	X	X	X
8	0~5Vdc Signal In	X	X	X	X
9	Power Ground	•	•	•	•



>> 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



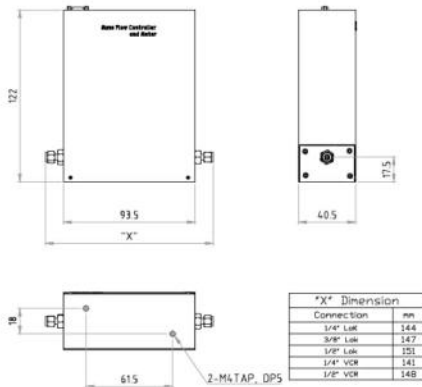
Analog Mass Flow Controller MF-300C



» 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

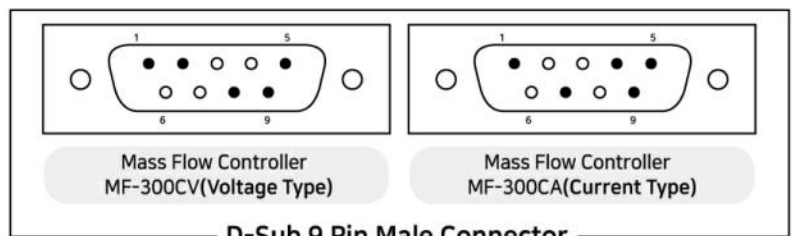
» Dimensions drawing



» Product Specifications

MODEL	MF-300C
Flow Range (N2 Equivalent)	30 ~ 100 SLM
Flow Control Range	2~100% of Full Scale
Accuracy	±1.0% of Full Scale
Linearity	±0.5% of Full Scale
Repeatability	±0.2% of Full Scale
Response Time	≤ 2sec
Normal Operating Temperature Range	0~50°C (Guaranteed Accuracy: 15~35°C)
Normal Operating Pressure Range	0~100 Bar(g)
Leak Rate	1x10 ⁻⁸ Pa.m ³ /sec(He)
Power supply	+15Vdc or +24Vdc / Max. 300mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	FKM(Viton) / H-NBR(Buna) / FFKM(Kalrez) / Teflon / EPDM
Control Type	Normally Closed Solenoid
Connector Type	D-Sub 9 Pin Male Connector
Fittings Type	LOK: 1/4", 3/8", 1/2" VCR: 1/4", 1/2"
Interface Type	Analog
Material of Main Parts	SUS 316L
Warm-up Time	15min (Guaranteed Accuracy : 30min)

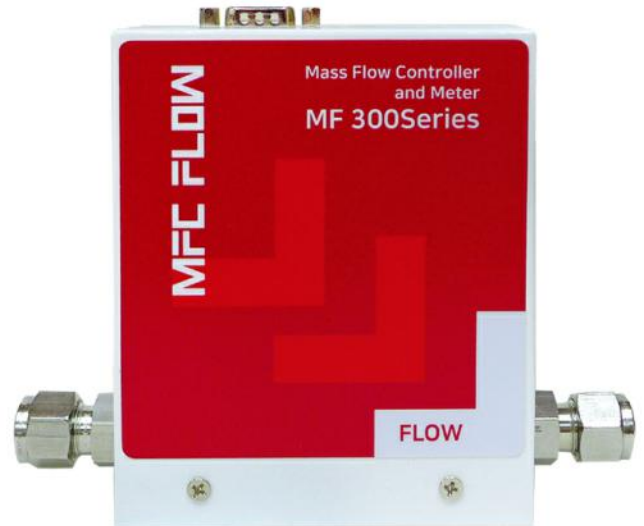
» Electrical Connections



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



Analog Mass Flow Meter MF-300M



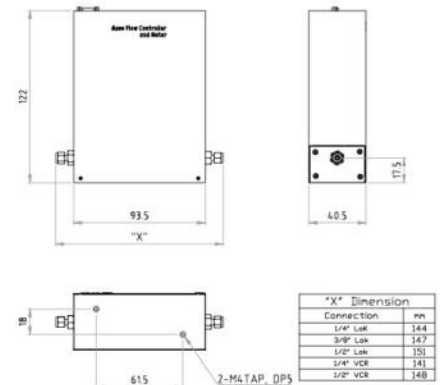
>> Product Specifications

MODEL	MF-300M
Flow Range (N2 Equivalent)	30 ~ 100 SLM
Flow Control Range	2~100% of Full Scale
Accuracy	≤±1.0% of Full Scale
Linearity	≤±0.5% of Full Scale
Repeatability	≤±0.2% of Full Scale
Normal Operating Temperature Range	0~50°C (Guaranteed Accuracy:15~35°C)
Normal Operating Pressure Range	0~100 Bar(g)
Leak Rate	1x10 ⁻⁸ Pa.m3/sec(He)
Power supply	+15Vdc or +24Vdc / Max. 300mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	FKM(Viton) / H-NBR(Buna) / FFKM(Kalrez) / Teflon / EPDM
Control Type	Normally Closed Solenoid
Connector Type	D-Sub 9 Pin Male Connector
Fittings Type	LOK: 1/4",3/8",1/2" VCR: 1/4",1/2"
Interface Type	Analog
Material of Main Parts	SUS 316L
Warm-up Time	15min (Guaranteed Accuracy : 30min)

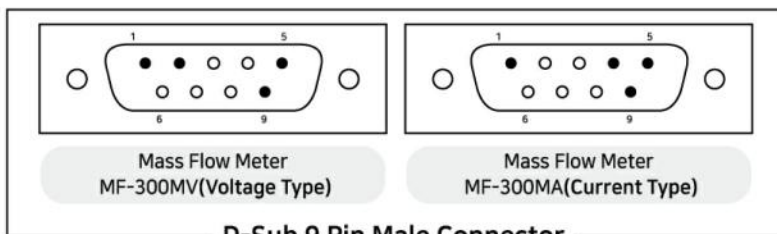
>> Features

- 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



Electrical Connections		Voltage Type	Current Type
Pin No.	Function	MF-300MV	MF-300MA
1	Signal Ground	•	•
2	0~5Vdc Signal Out	•	X
3	Valve override	X	X
4	4~20mA Signal Out	X	•
5	+15Vdc or +24Vdc / Max. 300 mA Power Supply	•	•
6	Chassis Ground	options	options
7	4~20mA Signal In	X	X
8	0~5Vdc Signal In	X	X
9	Power Ground	•	•



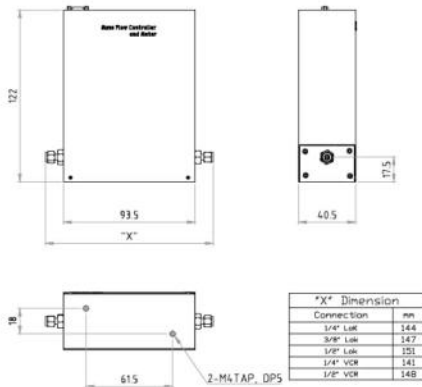
Analog Mass Flow Controller MF-400C



» 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

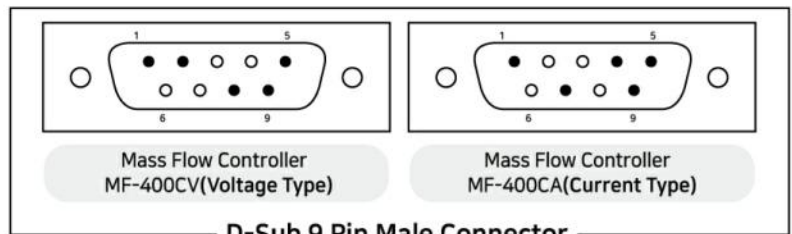
» Dimensions drawing



» Product Specifications

MODEL	MF-400C
Flow Range (N2 Equivalent)	100 ~ 200 SLM
Flow Control Range	2~100% of Full Scale
Accuracy	±2.0% of Full Scale
Linearity	±0.5% of Full Scale
Repeatability	±0.2% of Full Scale
Response Time	≤ 2sec
Normal Operating Temperature Range	0~50°C (Guaranteed Accuracy: 15~35°C)
Normal Operating Pressure Range	Inquiry
Leak Rate	1x10 ⁻⁸ Pa.m ³ /sec(He)
Power supply	+15Vdc or +24Vdc / Max. 300mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	FKM(Viton) / H-NBR(Buna) / FFKM(Kalrez) / Teflon / EPDM
Control Type	Normally Closed Solenoid
Connector Type	D-Sub 9 Pin Male Connector
Fittings Type	LOK: 1/4", 3/8", 1/2" VCR: 1/4", 1/2"
Interface Type	Analog
Material of Main Parts	SUS 316L
Warm-up Time	15min (Guaranteed Accuracy : 30min)

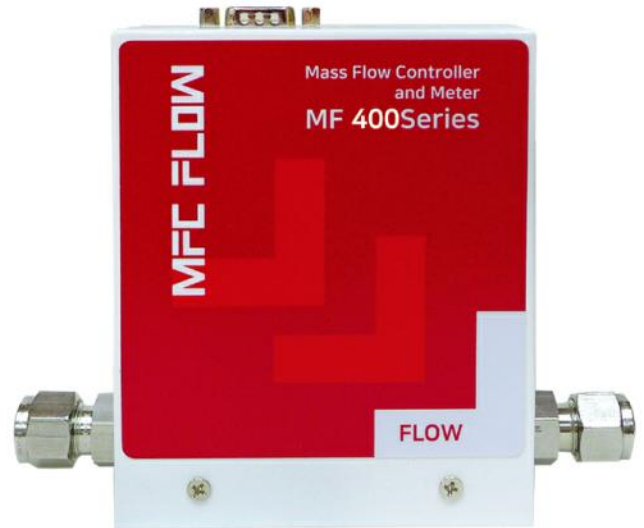
» Electrical Connections



Electrical Connections		Voltage Type	Current Type
Pin No.	Function	MF-400CV	MF-400CA
1	Signal Ground	•	•
2	0~5Vdc Signal Out	•	x
3	Valve override	options	options
4	4~20mA Signal Out	x	•
5	+15Vdc or +24Vdc / Max. 300 mA Power Supply	•	•
6	Chassis Ground	options	options
7	4~20mA Signal In	x	•
8	0~5Vdc Signal In	•	x
9	Power Ground	•	•



Analog Mass Flow Meter MF-400M



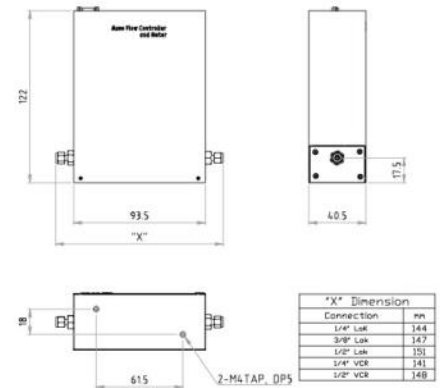
>> Product Specifications

MODEL	MF-400M
Flow Range (N2 Equivalent)	100 ~ 200 SLM
Flow Control Range	2~100% of Full Scale
Accuracy	≤±2.0% of Full Scale
Linearity	≤±0.5% of Full Scale
Repeatability	≤±0.2% of Full Scale
Normal Operating Temperature Range	0~50°C (Guaranteed Accuracy:15~35°C)
Normal Operating Pressure Range	Inquiry
Leak Rate	1x10 ⁻⁸ Pa.m3/sec(He)
Power supply	+15Vdc or +24Vdc / Max. 300mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	FKM(Viton) / H-NBR(Buna) / FFKM(Kalrez) / Teflon / EPDM
Control Type	Normally Closed Solenoid
Connector Type	D-Sub 9 Pin Male Connector
Fittings Type	LOK: 1/4", 3/8", 1/2" VCR: 1/4", 1/2"
Interface Type	Analog
Material of Main Parts	SUS 316L
Warm-up Time	15min (Guaranteed Accuracy : 30min)

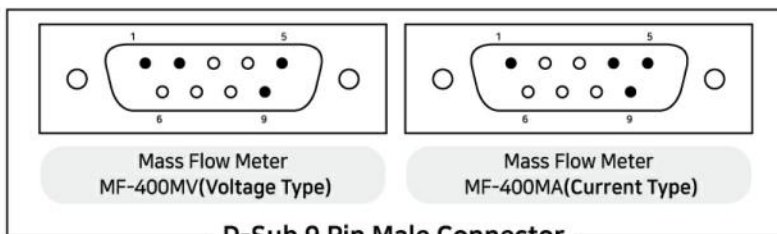
>> Features

- 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

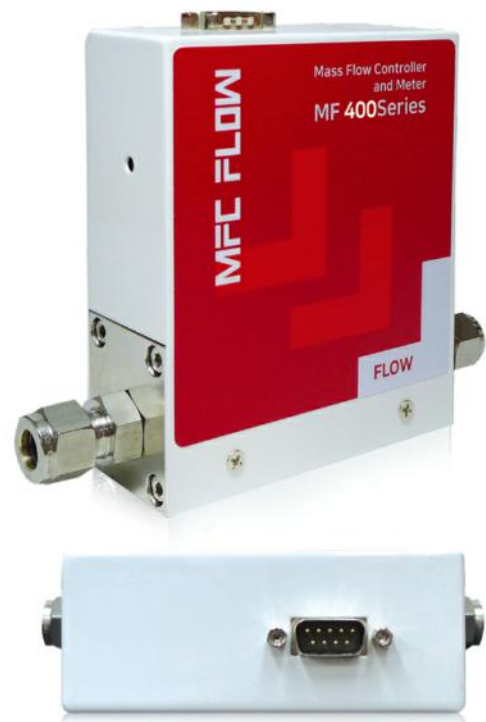
>> Dimensions drawing



>> Electrical Connections



Electrical Connections		Voltage Type	Current Type
Pin No.	Function	MF-400MV	MF-400MA
1	Signal Ground	•	•
2	0~5Vdc Signal Out	•	X
3	Valve override	X	X
4	4~20mA Signal Out	X	•
5	+15Vdc or +24Vdc / Max. 300 mA Power Supply	•	•
6	Chassis Ground	options	options
7	4~20mA Signal In	X	X
8	0~5Vdc Signal In	X	X
9	Power Ground	•	•



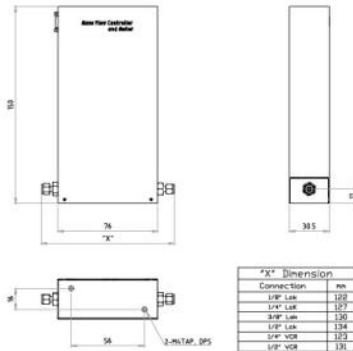


Digital Mass Flow Controller MF-200DC

>> 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
- OLED Display Module

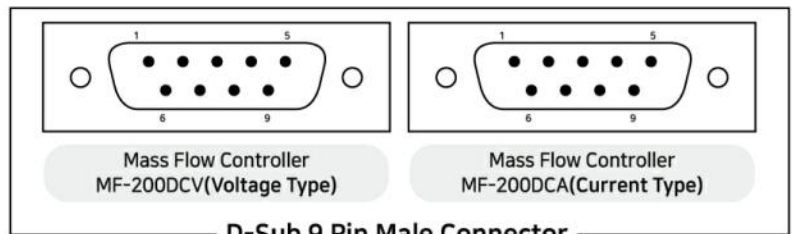
>> Dimensions drawing



>> Product Specifications

MODEL	MF-200DC
Flow Range (N2 Equivalent)	0~ 30 SLM
Flow Control Range	2~100% of Full Scale
Accuracy	±1.0% of Full Scale
Linearity	±0.5% of Full Scale
Repeatability	±0.2% of Full Scale
Response Time	≤ 1sec
Normal Operating Temperature Range	0~50°C (Guaranteed Accuracy 15~35°C)
Normal Operating Pressure Range	0~100 Bar(g)
Leak Rate	1×10 ⁻⁸ Pa.m ³ /sec(He)
Power supply	+15~+24Vdc / Max. 350mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	FKM(Viton) / H-NBR(Buna) / FFKM(Kalrez) / Teflon / EPDM
Control Type	Normally Closed Solenoid
Connector Type	D-Sub 9 Pin Male Connector
Fittings Type	LOK: 1/8", 1/4", 3/8", 1/2" VCR: 1/4", 1/2"
Interface Type	Digital RS-485(Modbus RTU)
Material of Main Parts	SUS 316L
Warm-up Time	15min (Guaranteed Accuracy : 30min)

>> Electrical Connections



Electrical Connections		Voltage Type	Current Type
Pin No.	Function	MF-200DCV	MF-200DCA
1	F.G	•	•
2	+15~+24Vdc / Max.350mA Power Supply	•	•
3	RS 485(B-)	•	•
4	Signal Ground	•	•
5	Valve override	•	•
6	0~5Vdc or 4~20mA Singal Out	•	•
7	Power Ground	•	•
8	0~5Vdc or 4~20mA Signal In	•	•
9	RS 485(A+)	•	•

Digital Mass Flow Meter MF-200DM



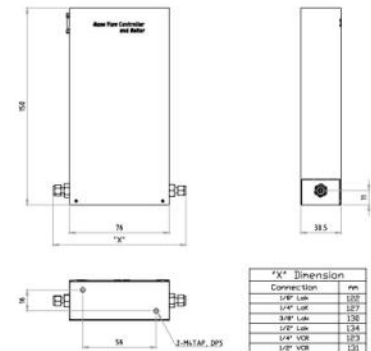
>> Product Specifications

MODEL	MF-200DM
Flow Range (N2 Equivalent)	0~ 30 SLM
Flow Control Range	2~100% of Full Scale
Accuracy	≤±1.0% of Full Scale
Linearity	≤±0.5% of Full Scale
Repeatability	≤±0.2% of Full Scale
Normal Operating Temperature Range	0~50°C (Guaranteed Accuracy:15~35°C)
Normal Operating Pressure Range	0~100 Bar(g)
Leak Rate	1x10 ⁻⁸ Pa.m3/sec(He)
Power supply	+15~ +24Vdc / Max. 350mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	FKM(Viton) / H-NBR(Buna) / FFKM(Kalrez) / Teflon / EPDM
Control Type	Normally Closed Solenoid
Connector Type	D-Sub 9 Pin Male Connector
Fittings Type	LOK:1/8",1/4",3/8",1/2" VCR: 1/4",1/2"
Interface Type	Digital RS-485 (Modbus RTU)
Material of Main Parts	SUS 316L
Warm-up Time	15min (Guaranteed Accuracy : 30min)

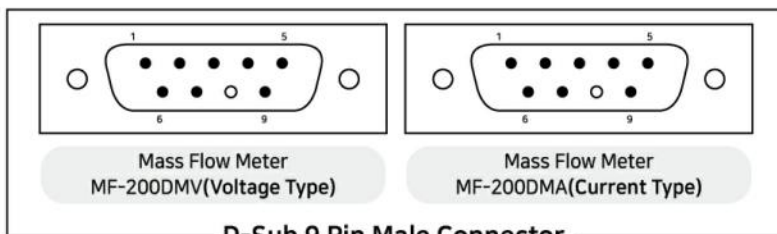
>> Features

- 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
- OLED Display Module

>> Dimensions drawing



>> Electrical Connections



Electrical Connections		Voltage Type	Current Type
Pin No.	Function	MF-200DMV	MF-200DMA
1	F.G	•	•
2	+15~+24Vdc/ Max.350mA Power Supply	•	•
3	RS 485(B-)	•	•
4	Signal Ground	•	•
5	Valve override	•	•
6	0~5Vdc or 4~20mA Singal Out	•	•
7	Power Ground	•	•
8	0~5Vdc or 4~20mA Signal In	X	X
9	RS 485(A+)	•	•



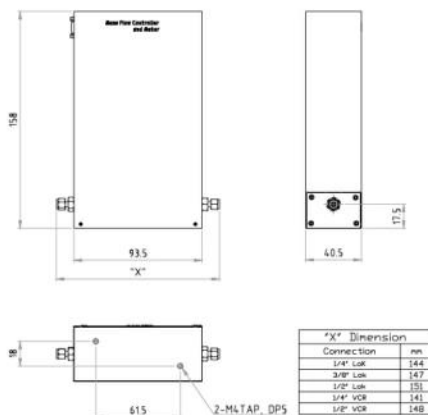


Digital Mass Flow Controller MF-300DC

>> 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
- OLED Display Module

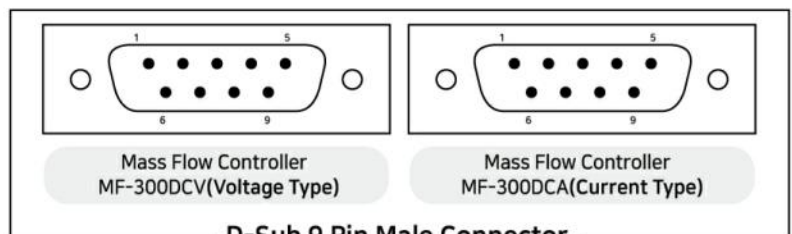
>> Dimensions drawing



>> Product Specifications

MODEL	MF-300DC
Flow Range (N2 Equivalent)	30 ~ 100 SLM
Flow Control Range	2~100% of Full Scale
Accuracy	±1.0% of Full Scale
Linearity	±0.5% of Full Scale
Repeatability	±0.2% of Full Scale
Response Time	≤ 1sec
Normal Operating Temperature Range	0~50°C (Guaranteed Accuracy:15~35°C)
Normal Operating Pressure Range	0~100 Bar(g)
Leak Rate	1x10 ⁻⁸ Pa.m ³ /sec(He)
Power supply	+15~+24Vdc / Max. 350mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	FKM(Viton) / H-NBR(Buna) / FFKM(Kalrez) / Teflon / EPDM
Control Type	Normally Closed Solenoid
Connector Type	D-Sub 9 Pin Male Connector
Fittings Type	LOK: 1/4", 3/8", 1/2" VCR: 1/4", 1/2"
Interface Type	Digital RS-485(Modbus RTU)
Material of Main Parts	SUS 316L
Warm-up Time	15min (Guaranteed Accuracy : 30min)

>> Electrical Connections



D-Sub 9 Pin Male Connector

Electrical Connections		Voltage Type	Current Type
Pin No.	Function	MF-300DCV	MF-300DCA
1	F.G	•	•
2	+15~+24Vdc/ Max.350mA Power Supply	•	•
3	RS 485(B-)	•	•
4	Signal Ground	•	•
5	Valve override	•	•
6	0~5Vdc or 4~20mA Singal Out	•	•
7	Power Ground	•	•
8	0~5Vdc or 4~20mA Signal In	•	•
9	RS 485(A+)	•	•

Digital Mass Flow Meter MF-300DM



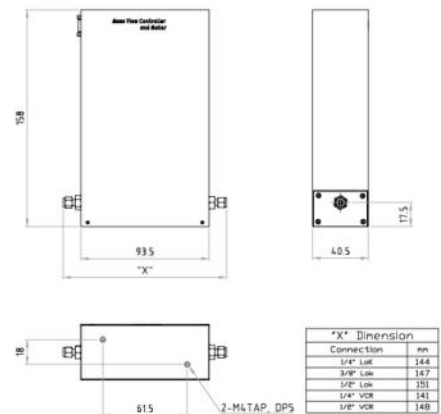
>> Product Specifications

MODEL	MF-300DM
Flow Range (N2 Equivalent)	30 ~ 100 SLM
Flow Control Range	2~100% of Full Scale
Accuracy	≤±1.0% of Full Scale
Linearity	≤±0.5% of Full Scale
Repeatability	≤±0.2% of Full Scale
Normal Operating Temperature Range	0~50°C (Guaranteed Accuracy:15~35°C)
Normal Operating Pressure Range	0~100 Bar(g)
Leak Rate	1x10 ⁻⁸ Pa.m3/sec(He)
Power supply	+15~+24Vdc / Max. 350mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	FKM(Viton) / H-NBR(Buna) / FFKM(Kalrez) / Teflon / EPDM
Control Type	Normally Closed Solenoid
Connector Type	D-Sub 9 Pin Male Connector
Fittings Type	LOK: 1/4",3/8",1/2" VCR: 1/4",1/2"
Interface Type	Digital RS-485(Modbus RTU)
Material of Main Parts	SUS 316L
Warm-up Time	15min (Guaranteed Accuracy : 30min)

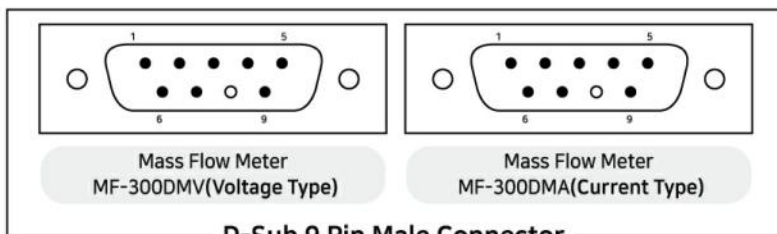
>> Features

- 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
- OLED Display Module

>> Dimensions drawing



>> Electrical Connections



Electrical Connections		Voltage Type	Current Type
Pin No.	Function	MF-300DMV	MF-300DMA
1	F.G	•	•
2	+15~+24Vdc/ Max.350mA Power Supply	•	•
3	RS 485(B-)	•	•
4	Signal Ground	•	•
5	Valve override	•	•
6	0~5Vdc or 4~20mA Singal Out	•	•
7	Power Ground	•	•
8	0~5Vdc or 4~20mA Signal In	X	X
9	RS 485(A+)	•	•



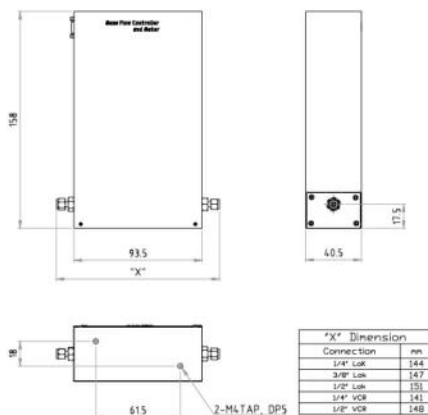


Digital Mass Flow Controller MF-400DC

>> 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
- OLED Display Module

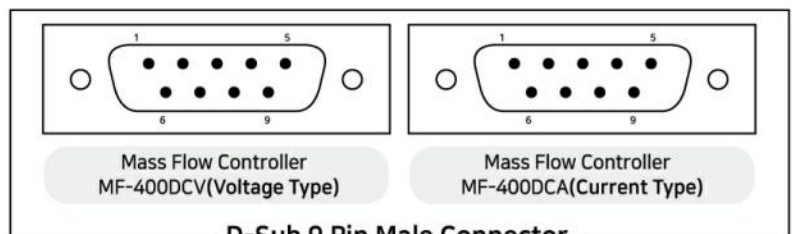
>> Dimensions drawing



>> Product Specifications

MODEL	MF-400DC
Flow Range (N2 Equivalent)	100 ~ 200 SLM
Flow Control Range	2~100% of Full Scale
Accuracy	±1.0% of Full Scale
Linearity	±0.5% of Full Scale
Repeatability	±0.2% of Full Scale
Response Time	≤ 1sec
Normal Operating Temperature Range	0~50°C (Guaranteed Accuracy: 15~35°C)
Normal Operating Pressure Range	Inquiry
Leak Rate	1x10 ⁻⁸ Pa.m ³ /sec(He)
Power supply	+15~+24Vdc / Max. 350mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	FKM(Viton) / H-NBR(Buna) / FFKM(Kalrez) / Teflon / EPDM
Control Type	Normally Closed Solenoid
Connector Type	D-Sub 9 Pin Male Connector
Fittings Type	LOK: 1/4", 3/8", 1/2" VCR: 1/4", 1/2"
Interface Type	Digital RS-485(Modbus RTU)
Material of Main Parts	SUS 316L
Warm-up Time	15min (Guaranteed Accuracy : 30min)

>> Electrical Connections



Electrical Connections		Voltage Type	Current Type
Pin No.	Function	MF-400DCV	MF-400DCA
1	F.G	•	•
2	+15~+24Vdc/ Max.350mA Power Supply	•	•
3	RS 485(B-)	•	•
4	Signal Ground	•	•
5	Valve override	•	•
6	0~5Vdc or 4~20mA Singal Out	•	•
7	Power Ground	•	•
8	0~5Vdc or 4~20mA Signal In	•	•
9	RS 485(A+)	•	•

Digital Mass Flow Meter MF-400DM



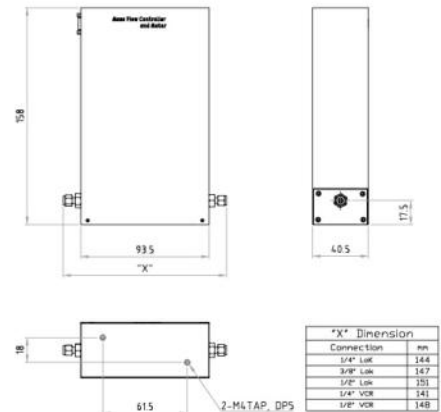
>> Product Specifications

MODEL	MF-400DM
Flow Range (N2 Equivalent)	100 ~ 200 SLM
Flow Control Range	2~100% of Full Scale
Accuracy	≤±1.0% of Full Scale
Linearity	≤±0.5% of Full Scale
Repeatability	≤±0.2% of Full Scale
Normal Operating Temperature Range	0~50°C (Guaranteed Accuracy:15~35°C)
Normal Operating Pressure Range	Inquiry
Leak Rate	1x10 ⁻⁸ Pa.m3/sec(He)
Power supply	+15~+24Vdc / Max. 350mA
Signal Type	0~5Vdc or 4~20mA
Sealing Material	FKM(Viton) / H-NBR(Buna) / FFKM(Kalrez) / Teflon / EPDM
Control Type	Normally Closed Solenoid
Connector Type	D-Sub 9 Pin Male Connector
Fittings Type	LOK: 1/4",3/8",1/2" VCR: 1/4",1/2"
Interface Type	Digital RS-485(Modbus RTU)
Material of Main Parts	SUS 316L
Warm-up Time	15min (Guaranteed Accuracy : 30min)

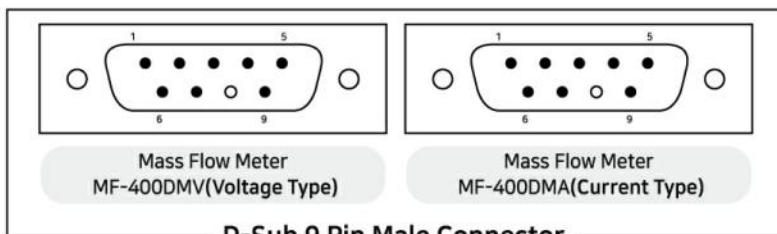
>> Features

- 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
- OLED Display Module

>> Dimensions drawing



>> Electrical Connections



Electrical Connections		Voltage Type	Current Type
Pin No.	Function	MF-400DMV	MF-400DMA
1	F.G	•	•
2	+15~+24Vdc/ Max.350mA Power Supply	•	•
3	RS 485(B-)	•	•
4	Signal Ground	•	•
5	Valve override	•	•
6	0~5Vdc or 4~20mA Singal Out	•	•
7	Power Ground	•	•
8	0~5Vdc or 4~20mA Signal In	X	X
9	RS 485(A+)	•	•



Readout Box RD-2000



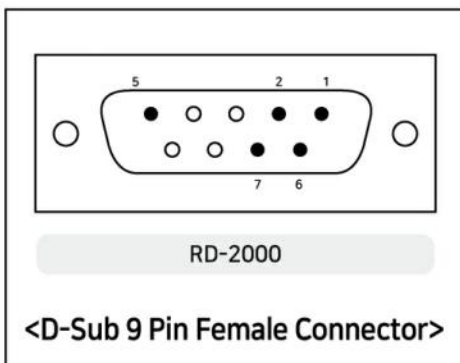
>> Features

- A device that can control MFC precisely with stable power supply
- Each channel has independent power supply
- Accurate precision and reproducibility can be achieved by using high resolution A / D and D / A converters
- Consists of simple operation function for user's convenience
- Support RS-232C communication function
- Various selection options(Power : $\pm 15\text{Vdc}$ or $+24\text{Vdc}$, RS-232C Communication, Program for PC , Accumulation function)

>> Product Specifications

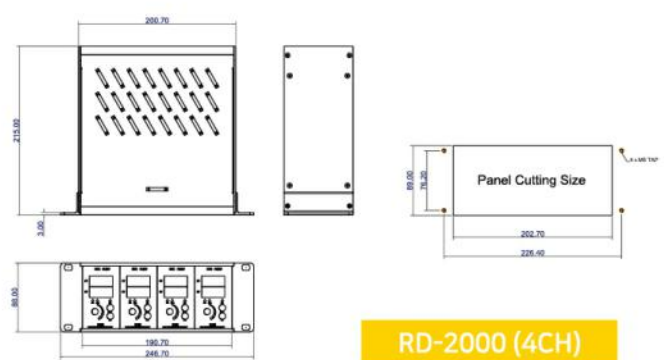
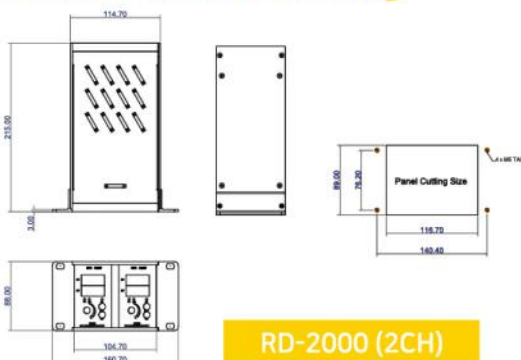
MODEL	RD-2000
Display Window	4Digit-7 Segment LED Display Module
Display Repeatability	$\pm 0.1\%$ of Full Scale
Units of Display	SCCM,SLPM,%
Input Power	220VAC(50~60Hz)
Input Signal	0~5Vdc for MFC
Output Power	$\pm 15\text{Vdc}@1.05\text{A}$ (Option: $+24\text{Vdc}$)
Output Signal	0~5Vdc for MFC
Connector Type	D-Sub 9 Pin Female Connector(To MFC)
Channel	1,2,3,4ch

>> Electrical Connections



Electrical Connections		
Pin NO.		Function
1	Yellow	Signal Ground
2	Blue	Power Ground
3		-15 Vdc Power Supply
4		Ground
5	Red	+15Vdc Power Supply(+24 Vdc:Option)
6	White	0~5Vdc Signal Out
7	Black	0~5Vdc Signal In
8		Ground
9		Chassis Ground

>> Dimensions drawing



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MFC FLOW

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