

MD30C

Digital Mass Flow Controller

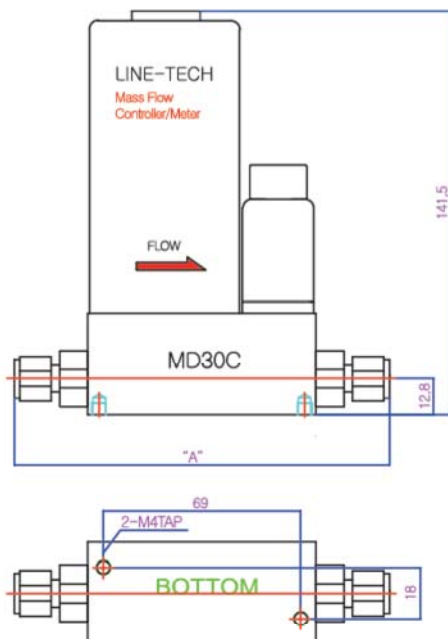
Features

- Accurate at Low Flow
- Fast Response
- Compact Connection
- Highly Stable Removable Sensor
- High Corrosion Resistance
- Excellent Linearity
- Excellent Long-Term Stability
- Wide Pressure Range Available

Specifications

Model	MD30C
Range(N2)	0.01slpm~30slpm
Response Time	< 1 sec
Accuracy	±0.25% of FS
Repeatability	±0.25%
In/Out Signal	0~5Vdc or 4~20mA
Supply Power	+15 or +24Vdc, 350mA
Max Operating Pressure	< 90 bar
Max Operating Temp	0~50°C
Leak Rate	1×10 ⁻⁹ atm. cc/sec
Control Range	3~100%
Communication	RS - 485

Connection	"A" Dimension(mm)
1/8" SW	126.7
1/4" SW	128
3/8" SW	134.3
1/4" VCR	127.8



Digital Communication : [PIN14,15]

- RS-485 Communication
- Baud rate : 38400bps
- Date : 8Bit
- Stop Bite : 1Bit
- Parity : None

MD100C

Digital Mass Flow Controller

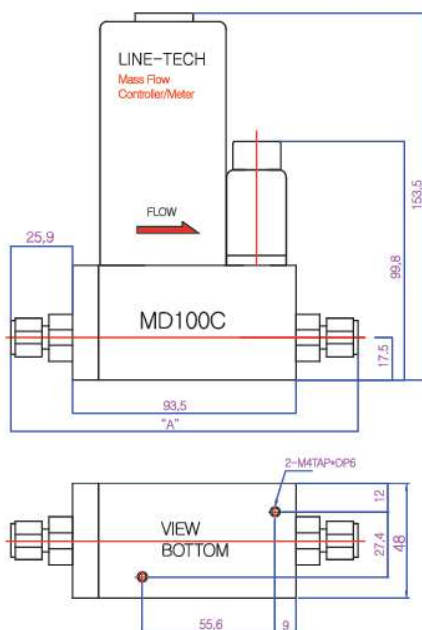
Features

- Accurate at Low Flow
- Fast Response
- Compact Connection
- Highly Stable Removable Sensor
- High Corrosion Resistance
- Excellent Linearity
- Excellent Long-Term Stability
- Wide Pressure Range Available

Specifications

Model	MD100C
Range(N2)	30slpm~100slpm
Response Time	< 1 sec
Accuracy	±0.25% of F5
Repeatability	±0.25%
In/Out Signal	0~5Vdc or 4~20mA
Supply Power	+15 or +24Vdc, 350mA
Max Operating Pressure	< 70 bar
Max Operating Temp	0~50°C
Leak Rate	1×10 ⁻⁹ atm. cc/sec
Control Range	3~100%
Communication	RS - 485

Connection	"A" Dimension(mm)
1/4" SW	145.5
3/8" SW	148.5
1/2" SW	151.8
1/4" VCR	141.5
1/2" VCR	149



Digital Communication : [PIN14,15]

- RS-485 Communication
- Baud rate : 38400bps
- Date : 8Bit
- Stop Bite : 1Bit
- Parity : None

MD300C

Digital Mass Flow Controller

Features

- Accurate at Low Flow
- Fast Response
- Compact Connection
- Highly Stable Removable Sensor
- High Corrosion Resistance
- Excellent Linearity
- Excellent Long-Term Stability
- Wide Pressure Range Available

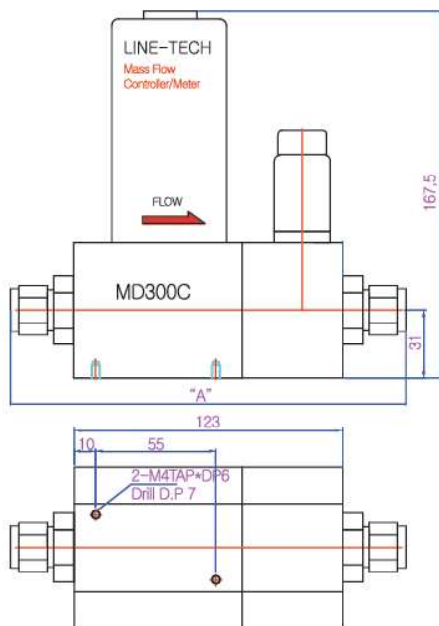
Specifications

Model	MD300C
Range(N2)	100slpm~300slpm
Response Time	< 1 sec
Accuracy	±0.25% of FS
Repeatability	±0.25%
In/Out Signal	0~5Vdc or 4~20mA
Supply Power	+15 or +24Vdc, 350mA
Max Operating Pressure	< 15 bar
Max Operating Temp	0~50°C
Leak Rate	1×10 ⁻⁹ atm. cc/sec
Control Range	3~100%
Communication	RS - 485

Connection	"A" Dimension(mm)
3/8" SW	178
1/2" SW	181.3
1/2" VCR	178.5

Digital Communication : [PIN14,15]

- RS-485 Communication
- Baud rate : 38400bps
- Date : 8Bit
- Stop Bite : 1Bit
- Parity : None



MD400C

Digital Mass Flow Controller

Features

- Accurate at Low Flow
- Fast Response
- Compact Connection
- Highly Stable Removable Sensor
- High Corrosion Resistance
- Excellent Linearity
- Excellent Long-Term Stability
- Wide Pressure Range Available

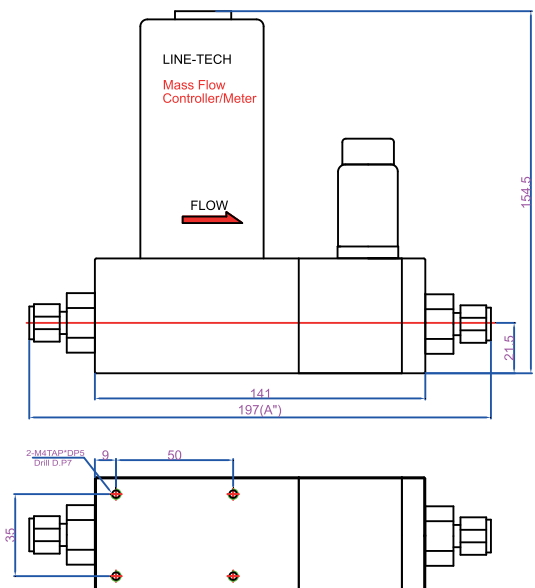
Digital Communication : [PIN14,15]

- RS-485 Communication
- Baud rate : 38400bps
- Date : 8Bit
- Stop Bite : 1Bit
- Parity : None

Specifications

Model	MD400C
Range(N2)	100slpm~500slpm
Response Time	< 1 sec
Accuracy	±0.25% of FS
Repeatability	±0.25%
In/Out Signal	0~5Vdc or 4~20mA
Supply Power	+15 or +24Vdc, 350mA
Max Operating Pressure	< 10 bar
Max Operating Temp	0~50°C
Leak Rate	1×10^{-9} atm. cc/sec
Control Range	3~100%
Communication	RS - 485

Connection	"A" Dimension(mm)
3/8"SWG	197
1/2"SWG	206
3/4"SWG	209
1/2"VCR	200



MD500C

Digital Mass Flow Controller

Features

- Accurate at Low Flow
- Fast Response
- Compact Connection
- Highly Stable Removable Sensor
- High Corrosion Resistance
- Excellent Linearity
- Excellent Long-Term Stability
- Wide Pressure Range Available

Digital Communication : [PIN14,15]

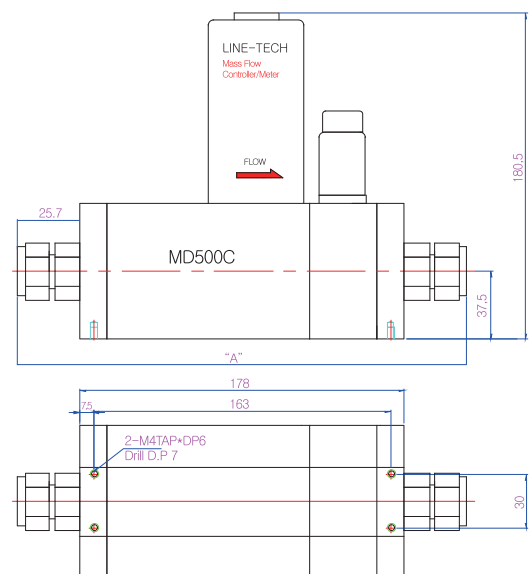
- RS-485 Communication
- Baud rate : 38400bps
- Date : 8Bit
- Stop Bite : 1Bit
- Parity : None



Specifications

Model	MD500C
Range(N2)	300slpm~1000slpm
Response Time	< 1 sec
Accuracy	±0.25% of FS
Repeatability	±0.25%
In/Out Signal	0~5Vdc or 4~20mA
Supply Power	+15 or +24Vdc, 350mA
Max Operating Pressure	< 10 bar
Max Operating Temp	0~50°C
Leak Rate	1×10^{-9} atm. cc/sec
Control Range	3~100%
Communication	RS - 485

Connection	"A" Dimension(mm)
1/2" SW	246
3/4" SW	246
1" SW	254



MD600C

Digital Mass Flow Controller

Features

- Accurate at Low Flow
- Fast Response
- Compact Connection
- Highly Stable Removable Sensor
- High Corrosion Resistance
- Excellent Linearity
- Excellent Long-Term Stability
- Wide Pressure Range Available

Digital Communication : [PIN14,15]

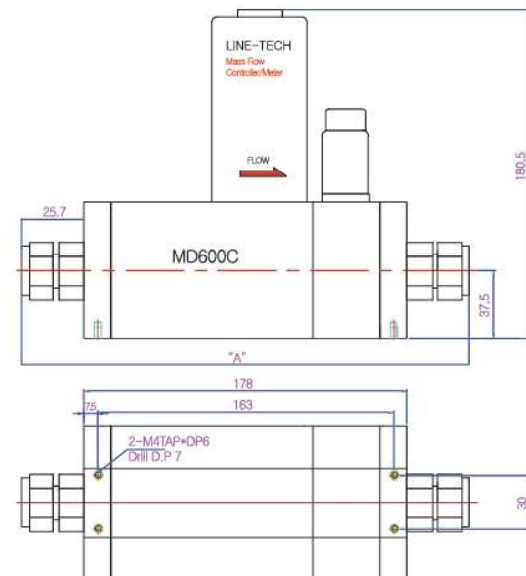
- RS-485 Communication
- Baud rate : 38400bps
- Date : 8Bit
- Stop Bite : 1Bit
- Parity : None



Specifications

Model	MD600C
Range(N2)	1000slpm~1500slpm
Response Time	< 1 sec
Accuracy	±0.25% of FS
Repeatability	±0.25%
In/Out Signal	0~5Vdc or 4~20mA
Supply Power	+15 or +24Vdc, 350mA
Max Operating Pressure	< 15 bar
Max Operating Temp	0~50°C
Leak Rate	1×10 ⁻⁸ atm. cc/sec
Control Range	3~100%
Communication	RS - 485

Connection	"A" Dimension(mm)
1/2" SW	246
3/4" SW	246
1" SW	254



MD700C

Digital Mass Flow Controller

Features

- Accurate at Low Flow
- Fast Response
- Compact Connection
- Highly Stable Removable Sensor
- High Corrosion Resistance
- Excellent Linearity
- Excellent Long-Term Stability
- Wide Pressure Range Available

Digital Communication : [PIN14,15]

- RS-485 Communication
- Baud rate : 38400bps
- Date : 8Bit
- Stop Bite : 1Bit
- Parity : None



Specifications

Model	MD700C
Range(N2)	1500slpm~2000slpm
Response Time	< 1 sec
Accuracy	±0.25% of FS
Repeatability	±0.25%
In/Out Signal	0~5Vdc or 4~20mA
Supply Power	+15 or +24Vdc, 350mA
Max Operating Pressure	< 6 bar
Max Operating Temp	0~50°C
Leak Rate	1×10 ⁻⁸ atm, cc/sec
Control Range	3~100%
Communication	RS - 485

Connection	"A" Dimension(mm)
1/2" SW	248
3/4" SW	248
1" SW	256.8

* 2000LPM 이상은 Option 사항 - 제조사 문의

