

ACU10FD series

Digital Mass Flow Meter/Controller

ACU10FD-L



Standard Specifications (Contact ACCU for available options.)

Technical Data	ACU10FD-LC MFC	ACU10FD-LM MFM
Measuring Range	100 SCCM ~ 30 SLM	
Turndown Ratio	50:1	100:1
Accuracy	± 1.0%F.S	
Repeatability	± 0.2%F.S	
Response Time	<2s	<0.8s
Digital Output	RS-232 Serial / RS-485 Serial / Modbus RTU	
Analog Output	0 ~ 5V、 4-20mA、 1 ~ 5V	
Supply Voltage	± 15VDC, 24VDC	
Operating Temperature	0 ~ 50°C	
Working Pressure	operating differential pressure: 0.05 ~ 0.5MPa	pressure drops: <0.01Mpa
Maximum Internal Pressure	3MPa	3MPa/10MPa
Electrical Connection	15-pin D-sub (DB15)	
Leak Rate	1× 10 ⁻⁹ SCCSh _e	
Temperature Coefficient	± 0.025%F.S/°C	
Base Material	316L stainless steel	
Sealing Material	FKM / CR / NBR	
Process Connection	φ3, φ6, 1/8", 1/4"	

ACU10FD series

Digital Mass Flow Meter/Controller

ACU10FD-M



Standard Specifications (Contact ACCU for available options.)

Technical Data	ACU10FD-MC MFC	ACU10FD-MM MFM
Measuring Range	30 SLM ~ 300 SLM	
Turndown Ratio	50:1	100:1
Accuracy	± 1.0%F.S	
Repeatability	± 0.2%F.S	
Response Time	<2s	<0.8s
Digital Output	RS-232 Serial / RS-485 Serial / Modbus RTU	
Analog Output	0 ~ 5V、 4-20mA、 1 ~ 5V	
Supply Voltage	± 15VDC, 24VDC	
Operating Temperature	0 ~ 50°C	
Working Pressure	operating differential pressure: 0.05 ~ 0.5MPa	pressure drops: <0.01Mpa
Maximum Internal Pressure	3MPa	3MPa/10MPa
Electrical Connection	15-pin D-sub (DB15)	
Leak Rate	1× 10 ⁻⁹ SCCShE	
Temperature Coefficient	± 0.025%F.S/°C	
Base Material	316L stainless steel	
Sealing Material	FKM / CR / NBR	
Process Connection	φ8, φ10, φ12	

ACU10FD series

Digital Mass Flow Meter/Controller

ACU10FD-B



Standard Specifications (Contact ACCU for available options.)

Technical Data	ACU10FD-BC MFC	ACU10FD-BM MFM
Measuring Range	500 SLM ~ 3000 SLM	
Turndown Ratio	50:1	100:1
Accuracy	± 1.0%F.S	
Repeatability	± 0.2%F.S	
Response Time	<2s	<0.8s
Digital Output	RS-232 Serial / RS-485 Serial / Modbus RTU	
Analog Output	0 ~ 5V、 4-20mA、 1 ~ 5V	
Supply Voltage	± 15VDC, 24VDC	
Operating Temperature	0 ~ 50°C	
Working Pressure	operating differential pressure: 0.05 ~ 0.5MPa	pressure drops: <0.01Mpa
Maximum Internal Pressure	3MPa	3MPa/10MPa
Electrical Connection	15-pin D-sub (DB15)	
Leak Rate	1× 10 ⁻⁹ SCCSh _e	
Temperature Coefficient	± 0.025%F.S/°C	
Base Material	316L stainless steel	
Sealing Material	FKM / CR / NBR	
Process Connection	φ12, Flange	

ACU10FA series

Analog Mass Flow Meter/Controller

ACU10FA-L



Standard Specifications (Contact ACCU for available options.)

Technical Data	ACU10FA-LC MFC	ACU10FA-LM MFM
Measuring Range	5 SCCM ~ 30 SLM	
Turndown Ratio	50:1	100:1
Accuracy	± 1.0%F.S	
Repeatability	± 0.2%F.S	
Response Time	<2s	<1.5s
Analog Output	0 ~ 5V、4-20mA、1 ~ 5V	
Supply Voltage	± 15VDC, 24VDC	
Operating Temperature	0 ~ 50°C	
Working Pressure	operating differential pressure: 0.05 ~ 0.5MPa	pressure drops: <30 Kpa
Maximum Internal Pressure	3MPa	3MPa/10MPa
Electrical Connection	15-pin D-sub (DB15)	
Leak Rate	1× 10 ⁻⁹ SCCSHe	
Temperature Coefficient	± 0.015%F.S/°C	
Base Material	316L stainless steel	
Sealing Material	FKM / CR / NBR	
Process Connection	φ3, φ6, 1/8", 1/4"	

ACU10FA series

Analog Mass Flow Meter/Controller

ACU10FA-M



Standard Specifications (Contact ACCU for available options.)

Technical Data	ACU10FA-MC MFC	ACU10FA-MM MFM
Measuring Range	30 SLM ~ 150 SLM	
Turndown Ratio	50:1	100:1
Accuracy	± 1.0%F.S	
Repeatability	± 0.2%F.S	
Response Time	<2s	<1.5s
Analog Output	0 ~ 5V、4-20mA、1 ~ 5V	
Supply Voltage	± 15VDC, 24VDC	
Operating Temperature	0 ~ 50°C	
Working Pressure	operating differential pressure: 0.05 ~ 0.5MPa	pressure drops: <0.01Mpa
Maximum Internal Pressure	3MPa	3MPa/10MPa
Electrical Connection	15-pin D-sub (DB15)	
Leak Rate	1× 10 ⁻⁹ SCCSHe	
Temperature Coefficient	± 0.015%F.S/°C	
Base Material	316L stainless steel	
Sealing Material	FKM / CR / NBR	
Process Connection	φ8, φ10, φ12	