Control Valve

FCV series



Model		FCV-3000	FCV-1000S
Fluid		Liquid	
Flow control range (water)	Min.	2.5 to 25 mL/min	0.2 to 2 L/min
	Max.	200 to 2000 mL/min	1 to 10 L/min
Process connection		Tube end: ø6.35 × ø4.35	Tube end: ø9.53 × ø6.35 Tube end: ø12.7 × ø9.53
Standard material		PTFE, PFA	PCTFE, PTFE, PFA

All-in-one type

CLFC® series Controller





Model		All-in-one Flow Controller with a ultrasonic flowmeter · a control valve and a controller	
		CLFC1000	CLFC300
Power supply		24 V DC	
Fluid		Liquid	
Flow control range (water)	Min.	2.5 to 25 mL/min	
	Max.	400 to 4000 mL/min	200 to 2000 mL/min
Body size (in mm) (excluding mounting plate and joints)		W28/D148/H111	W65.4/D203/H109.3
Process connection		SUPER300 Type PILLAR FITTING etc.	
Standard material		PFA, PTFE	
Setting input		4 to 20 mA DC or 0 to 10 V DC	
MV (flow rate) output		4 to 20 mA DC or 0 to 10 V DC	

Ultrasonic Flowmeter (for process use)

Clamp-on Type

UL300 UL6000 series







Model		General purpose · for small pipe sizes	General purpose · for small and medium pipe sizes	High-performance · for small to large pipe sizes
		UL330R	UL350	UL6300 V2
Fluid		Liquid		
Function		·Flow rate indication ·Totalizer ·Current output ·Pulse output ·Status output	·Flow rate indication ·Totalizer ·Current output ·Pulse output ·Status output ·RS485 (optional)	·Flow rate indication ·Totalizer ·Bar graph ·Current output (HART) ·Pulse output ·Status output
Measuring range (flow velocity)	Min.	0 to 0.3 m/s	0 to 0.3 m/s	0 to 0.5m/s
	Max.	0 to 10 m/s	0 to 10 m/s	0 to 20m/s
Measurable pipe size		25 mm to 400 mm (1" to 16")	25 mm to 1000 mm (1" to 40")	15 mm to 4000 mm (1/2" to 160")
Pipe material		Metal, Resin	Metal, Resin, Polyethylene lining	

3-Beam In-line Type

SONICMAX® UL3400





Model		UL3400
Fluid		Liquid
Function		·Flow rate indication ·Totalizer ·Current output ·Pulse output ·Status output
Measuring range (flow velocity)	Min.	0 to 0.3 m/s
	Max.	0 to 20 m/s
Process connection		Flange: 25 mm to 2000 mm (1" to 80")
Standard material		316L SS