

# 디지털 적산계

### TG 4200 - Total Flow and Flow Rate Measuring Instrument

#### Features

- 10 Digit total integrated & 4 Digit Flow rate display
- Multi-range input (pulse, volt, mA)
- High accuracy 16bit A/D converter
- Built-in Batch function
- Rs-485 Communication interface
- 2 points alarm & rate alarm, Batch function and dead band set
- Isolation current output
- Pulse output : Open collect
- Sensor Power supply: 12 VDC (24 VDC as option)

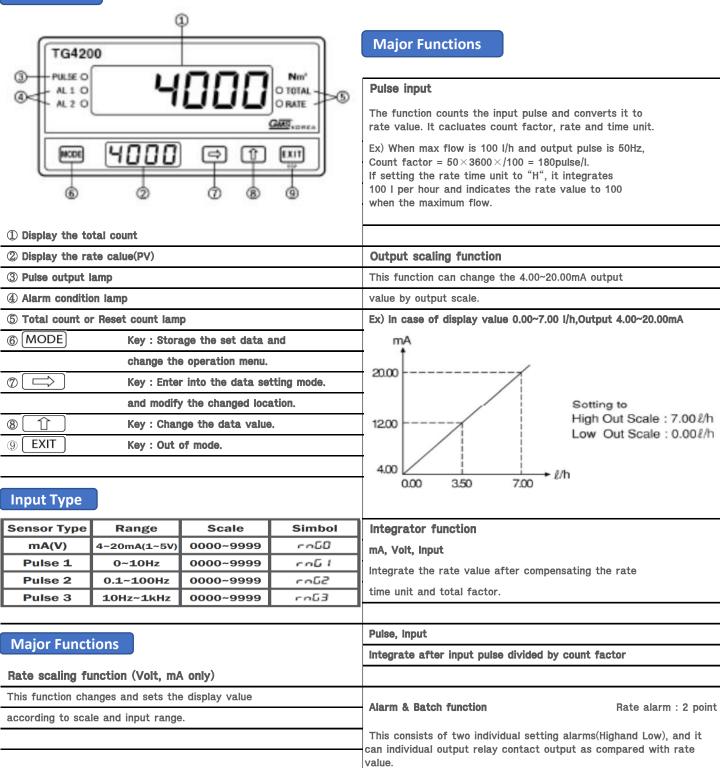
## Specifications



Measuring and display cycle	Rate value : 200ms(Volt, mA input)	Alarm(Option)	Contact output type : Normalopen(standar
	Total count : 1s(Volt, mA input)		Max switching power : 60W, 125VA
	Pulse input : on basis of frequency		Max switching voltage : DC 220V, AC 250V
			Max switching current : DC 2A, AC
Input resistance	Volt, mA input - $1000 \mathrm{k}\Omega$		Max Carrying current : DC 3A, AC
	Pulse input - 1 MQ		
Built-in Sensor power	DC 12V(24V option)	Ambient temperature & Humidity	<b>Operation</b> : -10~50°C, 10~90%
			Storage : -20~70°C, 5~95%
Rate accuracy	Linearity : 0.05% FS		
	Repeatability : 0.1% FS	Power supply	Voltage : AC 85~265V(45~65Hz)
Totalized function	Data preservation : More than 10 years		DC 24V(option)
	Max count : 10 Digit		Power consumption : Max 4VA
Pulse output (STD)	Output : Isolation open collect	Communication Interface (option)	Type : RS-485
	Rated voltage : Max DC 50V/50mA		Speed : 4800, 9600, 19200bps
	Max frequency : 5Hz or Less		
		Etc	Weight : 500g
Isolation current output	Rate value(option)		Mounting : Panel mount [96(W) $\times$ 48(H) $\times$ 112(D)mm]
	Current : DC 4.00~20.00mA		



**Parts Name** 

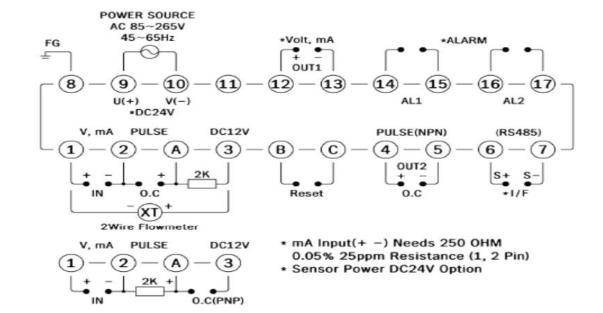




## Programmable Intergrating Totalizer

The high alarm(AL-1) is ON when the pre	Count alarm	Count alarm + Rate alarm				
(PV) is 500.0 or more, and OFF when 499	Alarm 1 : Over alarm	Alarm 1 : Over alarm for count value.				
The low alarm(AL-2) is OFF when the pre	This alarm is operate	This alarm is operated when the reset count over the setting value.				
(PV) is 100.5 or morem, and ON when 10	Alarm 2 : Alarm for r	Alarm 2 : Alarm for rate value.				
	This alarm is operate	This alarm is operated equally as rate alarm.				
H-AL L-A	NL					
AL-ON PV 499.5 500.0	L-ON PV 100.0 100.5	<b>→</b>	2 Count alarm			
AL-OFF	AL-OFF	count value and over the setting	Both Alarm 1 and Alarm 2 are over alarm for reset count value and operated when reset count value is over the setting value. If resetting the reset count, it will become the alarm too.			
Peteb[Decese]						
Batch[Dosage]	Communication	Communication interface				
It is possible to work consecutively with						
when pulling the counted fixed volume in	-	It is possible to communicate with computer and to				
For precise control, it can decrease the	monitor remote	monitor remote by using RS-485 communication interface.				
to the target flow.						
After setting the batch and hystersis va		Computer				
inputting the reset contact, the AL-1, AL	2 relay is OFF		- RS 485			
and reaching to batch value the AL-1 re		Card Resistor				
AL-1 Big control valve		120Ω				
Ordering Code						
Model Type Ala	arm Output	Power	Interface	Description		
TG 4XXX-XX 1				Counter		
2				Totalizer		
	0			None		
	1			2 Point alarm relay		
	0			None		
	1 2			Analog 4 ~ 20mA		
	2					
		0		AC 85~265V (45~65Hz) DC 24V		
		2				
		2		etc		
		2	0	None		
		2		None RS-485 (BPS 4800)		





#### **Dimension & Panel CUT**

