



FLOW INDICATING TOTALIZER 225

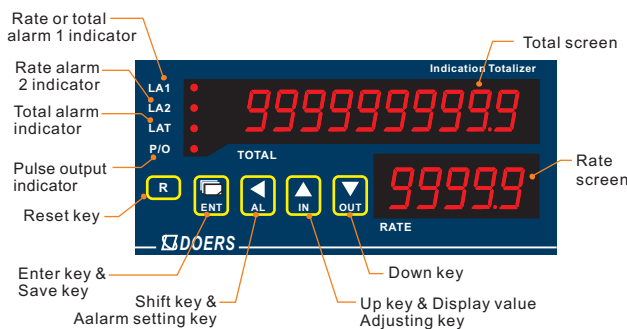
Analog Input (Square Root) / Alarm / Retransmission

FEATURES

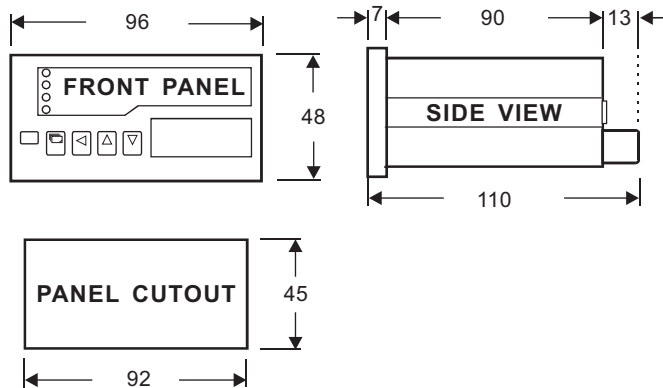
- High brightness 0.4"LED ;
Rate of display range : 0 ~ 99999
- Rate / Total decimal point selectable
- Time parameters programmable (sec / min / hour)
- Total scale programmable (0.0001 ~ 9.9999)
- Reset for total by external control input
- Square root function available for analog input of flow measuring
- Accuracy : $\pm 0.1\%$ F.S. ± 1 digit
- 2 Alarms for rate /
2 alarm for total (Alarm 1 programmable)
Pulse output / Analog output (15 bit resolution)
optional (The above options can exist together)
- High stability , non-flammable case (PC) ,
high safety
- CE Approval



FRONT PANEL & KEY FUNCTIONS



DIMENSION (mm)



SPECIFICATIONS

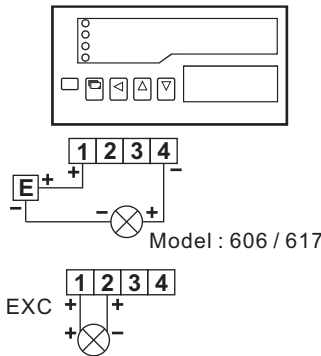
Display Screen	High brightness red LED 10.16mm (0.4")
Display Range	Rate : 0 ~ 19999 Total : 0 ~ 9999999999
Samplng Time	16 cycles / sec
Over Range Indication	doFL / ioFL or -doFL / -ioFL
Zero Adjustment	Rate : 0 ~ 99999
Accuracy	$\pm 0.1\%$ F.S. ± 1 digit
Polarity Indication	Automatic with " - " indication
Parameters Setting	Push buttons
Back Up Memory	EEPROM
Alarm Action	Rate : " \geq (Hi) on" or " \leq (Lo) on" Total : " \geq (Hi) on"
Analog output resolution	15 bit
Output response time	≤ 250 msec (0 ~ 90%)
Output capability	Voltage output : ≤ 20 mA Current output : ≤ 10 V
Alarm Run Delay Time	0 ~ 99 sec
Relay Contact	AC 277V / 7A ; DC 30V / 7A
Input Impedence	Voltage : ≥ 2 V for $20K\Omega$ / V ≤ 2 V for $\geq 200M\Omega$ Current : ≥ 0.2 A at 100mV ≤ 0.2 A at 1V
Power Supply	AC / DC 100 ~ 240V DC 12 / 24 / 30 ~ 90V
Power Consumption	8.5VA (All functions output)
Surge Test	1.5KVac / 1min (Input / Power)
Temperature Coefficient	100ppm / $^{\circ}$ C (0 ~ 60 $^{\circ}$ C)
Operating Temperature	0 ~ 60 $^{\circ}$ C
Operating Humidity	20 ~ 90% RH (non-condensing)
Storage Temperature	-10 ~ 70 $^{\circ}$ C
Storage Humidity	20 ~ 90% RH (non-condensing)

MODEL SELECTIONS

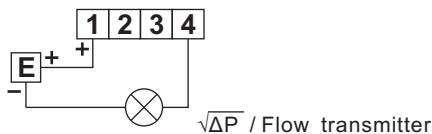
ITEMS	CODE	SPECIFICATIONS
① MODEL	225	Flow Indicating Totalizer
② OUTPUT (Retransmission)	A	None (Not required)
	B	4 ~ 20mA DC
	D	Pulse (Open collector)
	E	Pulse & 4 ~ 20mA DC
	S	To be specified
③ INPUT	- 0	4 ~ 20mA DC (without Excitation)
	- 1	4 ~ 20mA DC (with Excitation)
	- 2	1 ~ 5V DC
	- 3	To be specified
④ ALARM FUNCTION	0	None (Not required)
	1	1-SPDT (AL1)
	2	2-SPDT (AL1 / AL2)
	3	3-SPST-NO (AL1 / AL2 / ALT)
	4	To be specified
⑤ REMOTE FUNCTION (Digital Input)	0	None (Not required)
	1	Remote reset
	2	Remote hold
	3	Remote reset / hold
	4	To be specified
⑥ POWER SUPPLY	- A	AC 100 ~ 240V
	- B	DC 24V
	- C	To be specified

APPLICATION

■ FOR LINEAR FLOW TRANSMITTER



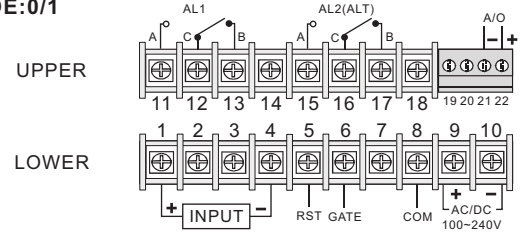
■ $\sqrt{\Delta P}$ FLOW TRANSMITTER ($\sqrt{\Delta P}$)



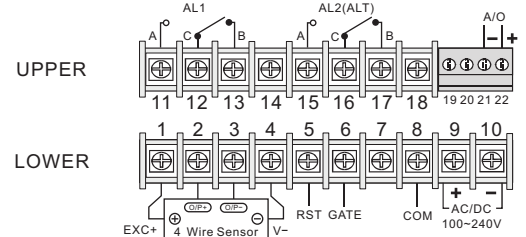
WIRING CONNECTIONS

■ 2 ALARMS FOR RATE

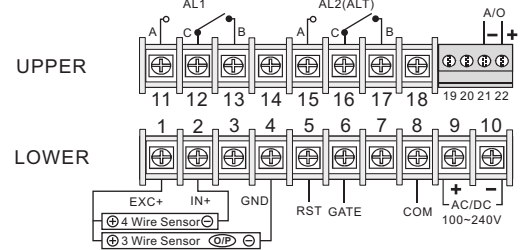
- Voltage , current (DC)
- CODE:0/1



• 4 Wire sensor

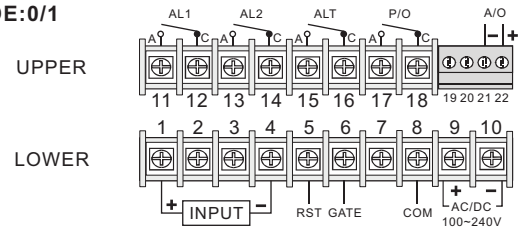


• 2 / 3 Wire sensor

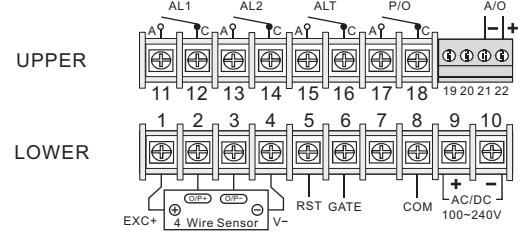


■ 2 ALARMS FOR RATE / 1 ALARM FOR TOTAL / PULSE OUTPUT FOR TOTAL

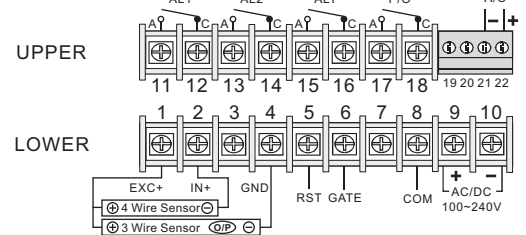
- Voltage , current (DC)
- CODE:0/1



• 4 Wire sensor



• 2 / 3 Wire sensor



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