



FLOW TOTALIZER

Pulse Input / Alarm / Retransmission / Communication

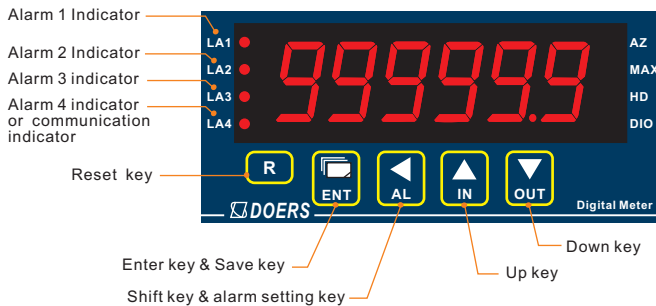
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FEATURES

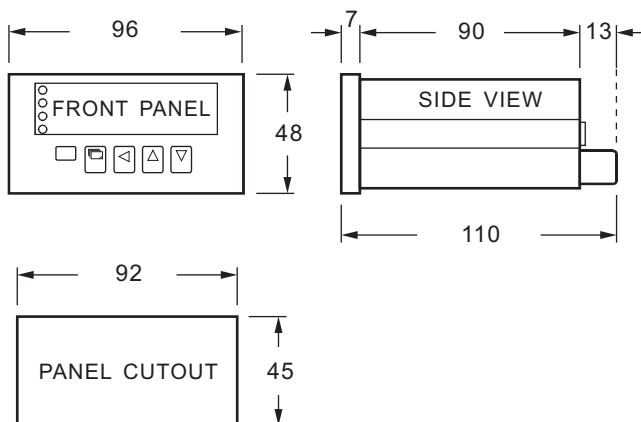
- HIGH BRIGHTNESS 0.56" LED DISPLAY :
-199999 ~ 999999
- FLOW UNIT SELECTABLE : Liter / Gal / C.C. / m³
- K-FACTOR PROGRAMMABLE FOR PULSE OUTPUT PER LITER
- 2 ~ 4 ALARM OUTPUT PROGRAMMABLE (Hi or Lo) FOR BATCH CONTROL / ANALOG OUTPUT (15 bit resolution) / RS-485 COMMUNICATION OPTIONAL (The above option can exist together)
- N / R / C RELAY OUTPUT MODE SELECTABLE
- RESET / PAUSE COUNT BY EXTERNAL CONTROL TERMINAL AVAILABLE
- HIGH STABILITY , NON-FLAMMABLE CASE (PC) , HIGH SAFETY
- CE APPROVAL



FRONT PANEL & KEY FUNCTIONS



DIMENSION (mm)



SPECIFICATION

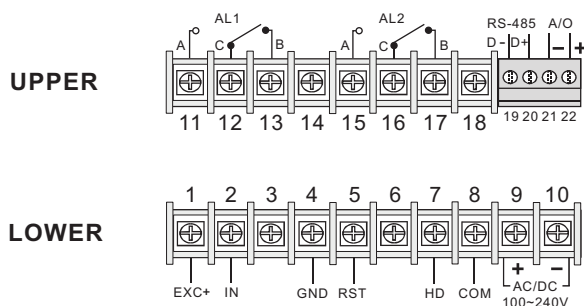
Display Screen	High brightness red LED 14.22mm (0.56")
Display Range	0 ~ 99999
Parameters Setting	Push buttons
Back Up Memory	EEPROM
Max. Input Frequency	7KHz
Analog output resolution	15 bit
Output response time	≤250 msec (0 ~ 90%)
Output capability	Voltage output : ≤20mA Current output : ≤10V
Communication	RS-485 modbus RTU mode
Baud rate	19200 / 9600 / 4800 / 2400 bps
Alarm Action	"≥ (Hi) on" or "≤ (Lo) on"
Relay Contact	AC 277V / 7A ; DC 30V / 7A
Relay Output Mode	N / R / C (depends on 1 st alarm setpoint)
Alarm Run Time	1 ~ 99 sec
Surge Test	1.5KVac / 1min (Input / Power)
Power Supply	AC / DC 100 ~ 240V DC 12 / 24 / 30 ~ 90V
Power Consumption	8.5VA (All functions output)
Temperature Coefficient	100ppm / °C (0 ~ 60°C)
Operating Temperature	0 ~ 60°C
Operating Humidity	20 ~ 90% RH (non-condensing)
Storage Temperature	-10 ~ 70°C
Storage Humidity	20 ~ 90% RH (non-condensing)

MODEL SELECTIONS

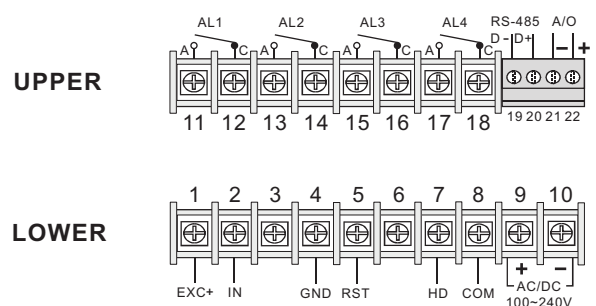
ITEMS	CODE	SPECIFICATIONS
① MODEL	227	Flow Totalizer
② OUTPUT (Retransmission)	A	None (Not required)
	B	4 ~ 20mA DC
	C	RS-485 Communication
	S	To be specified
③ INPUT	- 0	Pick-up 50mV ~ 1.5V
	- 1	Pick-up 0.5V ~ 15V
	- 2	DC 24Vp
	- 3	Contact
	- 4	NPN , 5V
	- 5	NPN , 12V
	- 6	PNP , 5V
	- 7	PNP , 12V
	- 8	To be specified
④ ALARM FUNCTION	0	Not required
	2	2-SPDT (AL1 /AL2)
	3	3-SPST-N.O. (AL1~3)
	4	4-SPST-N.O. (AL1~4)
	5	To be specified
⑤ CONTACT FORM	0	None
	1	Relay contact
	2	Open collector
	3	To be specified
⑥ POWER SUPPLY	- A	AC 100 ~ 240V
	- B	DC 24V
	- C	To be specified

WIRING CONNECTIONS

■ 2 Alarms Output



■ 4 Alarms Output



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