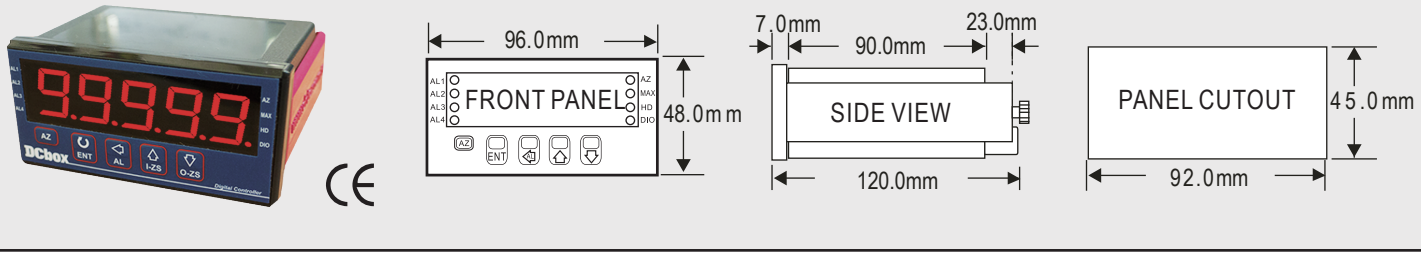
DCbox

5 DIGIT MICRO-PROCESS FLOW METER with 1~4 ALARMS/ ANALOG OUTPUT/ RS-485

CFM-A



- Accuracy: ±0.05% F.S. ±1 digit
- High brightness 0.8" LED display range: -19999~99999; decimal point selectable
- Max. Hold / Data Hold / Reset / 2~4 Alarms (Hi or Lo) programmable / Analog output (15 bit resolution) / RS-485 communication optional (The above options can exist together)
- High stability, non-flammable case (PC), high safety
- CE approval

SPECIFICATION

♦Accuracy:	± 0.1%
♦Display Screen:	High brightness red LED; 20.3mm(0.8")
♦Sampling Cycle:	16 cycles / sec (AVG=1)
♦Display Range:	-19999~99999
♦Zero Adjustment:	-19999~99999
♦Over Range Indication:	doFL / ioFL or -doFL / -ioFL
♦Polarity Indication:	Automatic with "-" indication
♦Parameters Setting:	Push buttons
♦Back Up Memory:	EEPROM
♦Alarm Action:	"≧(Hi) on" or "< (Lo) on"
♦Alarm Hysteresis Range:	0~9999
♦Alarm Run Delay Time:	0~99 sec
♦Relay Contact:	AC 277V / 7A; DC 30V / 7A
♦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:	38400 / 19200 / 9600 / 4800 bps
♦Parity Check:	n.8.2. / n.8.1. / odd / even
♦Temperature Coefficient:	100ppm /℃ (0~60℃)
♦Operating Temperature:	0~60℃
♦Operating Humidity:	20~90% RH (non-condensing)
♦Storage Temperature:	-10~70℃
♦Storage Humidity:	20~90% RH (non-condensing)
♦Power Supply:	AC/DC 100~240V; DC 22~60V
♦Power Consumption:	8.5VA (all functions output)
♦Surge Test:	2KVac / 1min (Input / Power)
♦Input Impendence:	Voltage: >2V for 20KΩ / V; ≦2V for >200MΩ Current: ≧0.2A at 100mV; <0.2A at 1V
♦Dimensions:	96(W)*48(H)*110(D) mm
♦Weight:	About 500 g

ORDER INFORMATION

CFM-A- [Code 1] [Code 2] -[Code 3] -[Code 4] [Code 5] [Code 6]

Code 1	Input Type
D	DC
2	2, 3 Wire Sensor
4	4 Wire Sensor

Code 2	Input Signal
A6	4~20mA
V3	1~5V
V4	0~10V
O	Option

Code 3	Aux. Power
A	AC/DC100~240V
B	DC 12V
C	DC 22~60V
D	DC 30~90V

Code 4	Alarm Output
N	None
R2	2 Relays
R3	3 Relays
R4	4 Relays
O2	2 Open Collect
O3	3 Open Collect
O4	4 Open Collect

Code 5	Analog Output
N	None
A	4~20mA
V	0~10V
O	Option

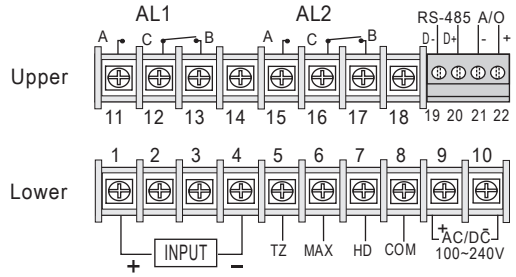
Code 6	RS-485
N	None
Y	Yes

**1: 2 wire type offers excitation power DC24V for 2 wire (Loop Power) flow sensors using.
2: 3 Relay type only offers A(NornalOpen) output. O.C. (Open Collect) offers NPN of C.E . output.

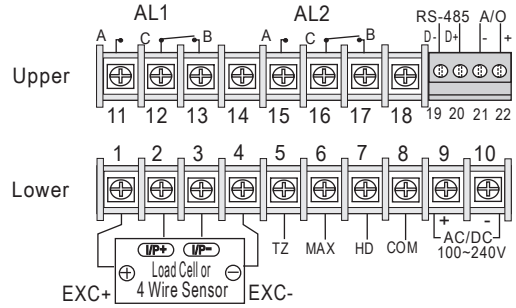
WIRING CONNECTION

2 Alarms Output:

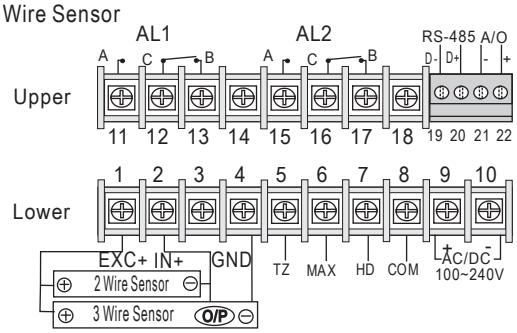
●Voltage, Current (DC)



●4 Wire Sensor or Load cell

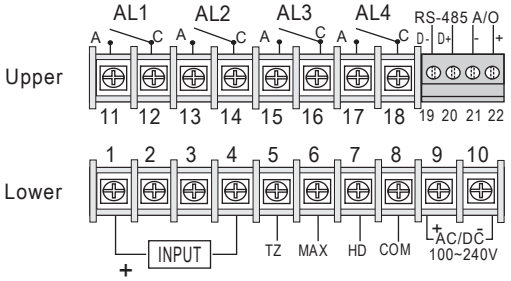


●2,3 Wire Sensor

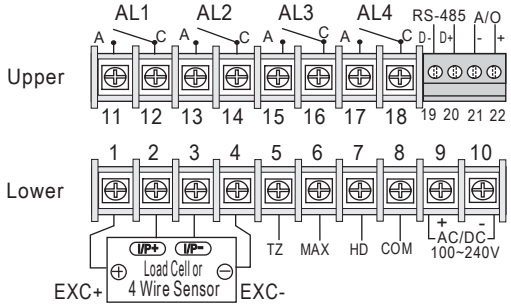


4 Alarms Output:

●Voltage, Current (DC)



●4 Wire Sensor or Load cell



●2,3 Wire Sensor