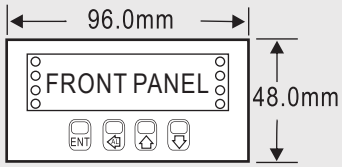
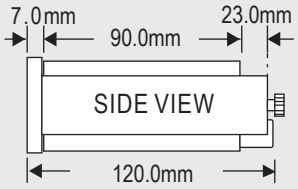
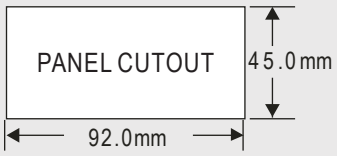
DCbox

5 DIGIT MICRO-PROCESS RPM/ LINE SPEED/ FREQUENCY METER with 2-4 ALARMS/ ANALOG OUTPUT/ RS-485 DC5H-R







- Accuracy: ±0.03% F.S.
- Measuring AC Frequency / DC Pulse / Magnetic; Input frequency: 0.001Hz~100KHz
- High brightness 0.8" LED display: 0~99999; decimal point selectable
- Line-Speed / RPM / Frequency selectable; Line unit: M, Ft, Y/min selectable
- RPM pulse input programmable: 1~99999
- 2~4 alarms programmable (Hi or Lo) / Analog output (15 bit resolution) / RS-485 communication optional (The above option can exist together)
- High stability, non-flammable case (PC), high safety
- CE approval

SPECIFICATION

♦ Accuracy:	±0.03% F.S.
♦ Display Screen:	High brightness red LED; 20.3mm(0.8")
♦ Input Frequency:	400~10KHz; 100KHz (50% duty cycle)
♦ Sampling Cycle:	10 cycles / sec: >10Hz f cycles / sec: <10Hz
♦ Display Range	0~99999
♦ Over Range Indication:	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)
♦ Dimensions:	96(W)*48(H)*110(D) mm
♦ Weight:	About 500 g

ORDER INFORMATION

DC5H-R- [Code 1] [Code 2] - [Code 3] - [Code 4] [Code 5] [Code 6]

Code 1	Input Signal	Code 1	Input Signal
N5	NPN(5V)	VA	AC 2~60V
N2	NPN(12V)	VB	AC 60~600V
P5	PNP(5V)	VC	Pick-up 50mV~1.5V
P2	PNP(12V)	VD	Pick-up 500mV~15V
CT	Contact	VE	DC 24Vp
		O	Option

Code 2	Display Unit
H	Hz
R	RPM
M	M/min
Y	Y/min
F	F/min

Code 3	Aux. Power
A	AC/DC 100~240V
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

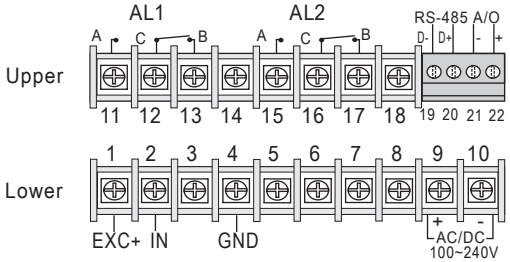
Code 5	Analog Output
N	None
A	4~20mA
V	0~10V
O	Option

Code 6	RS-485
N	None
Y	Yes

**1: NPN(5V),PNP(5V) offers excitation power DC5V; NPN(12V),PNP(12V) offers excitation power DC12V for sensors using.
2: Please use PNP/NPN(5V/12V) or DC24Vp for DC pulse input.

WIRING CONNECTION

● 2 Alarms Output



● 4 Alarms Output