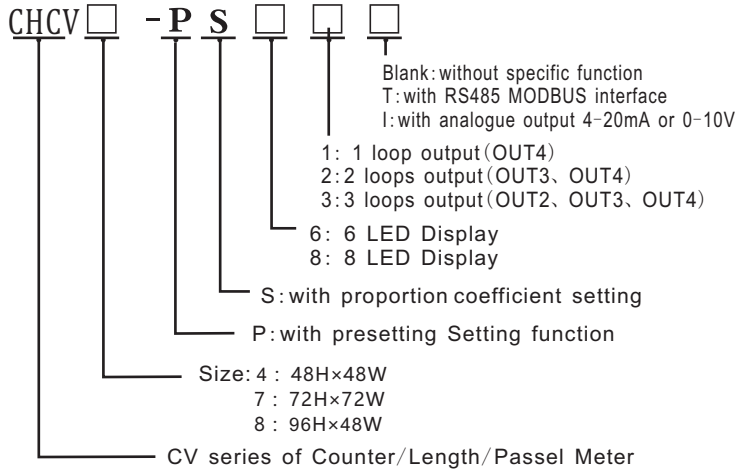


Function

- 1.It is can use for counter、Length、stopwatch
- 2.It is Key setting, 6、 8 LED display of double line
- 3.It is 5 input model, with 8 kinds of output model
- 4.With proportion coefficient setting
- 5.The max. with 4 sect setting and 4 loops of output
- 6.All the output with delay timer setting
7. It is with 4 decimal display by software
- 8.Output and input all with insulate, Strong Anti-interference
- 9.EEPROM with hold data. Not lose data. will hold for more than 10 years for the data.

ORDERING CODE

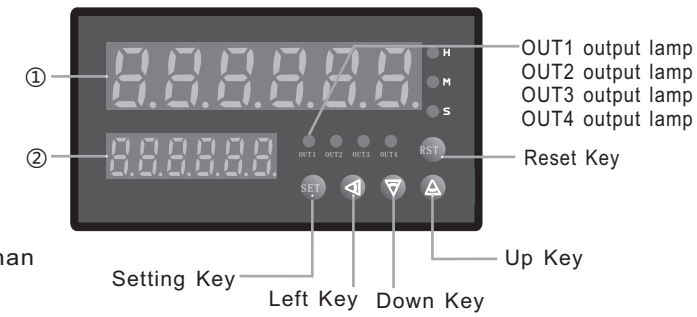


Notice: if need 4 loops output and with analogue output 4-20mA or 0-10V then it is must specific order.

SPECIFICATION

Power supply	AC85~265V 50/60Hz
Consumption	< 5VA
Capacity	250VAC/3A or 30VDC/5A
Auxiliary power	DC24V/80mA (max)
Insulation impedance	≥100MΩ
Dielectric strength	2KV/0.5mA (one minute)
Anti-interference	Power: ±2KV Input:±400V
Anti-shake	10~55Hz; 0.75mm
Environment	-25~50°C ;35~85% RH
Input signal	Square wave and sine wave and pulse signal: 0≤LOW≤1V, 3V≤High≤30V
Anti-jamming	> 10KΩ
Count speed	5CPS/30CPS/5KCPS
proportion coefficient range	0.0001~99.9999 (6Digit) 0.0001~9999.9999 (8 Digit)
output time	0.01~99.99S
Count range	0.0001~999999 (6 Digit) 0.0001~99999999 (8 Digit)

Panel explain

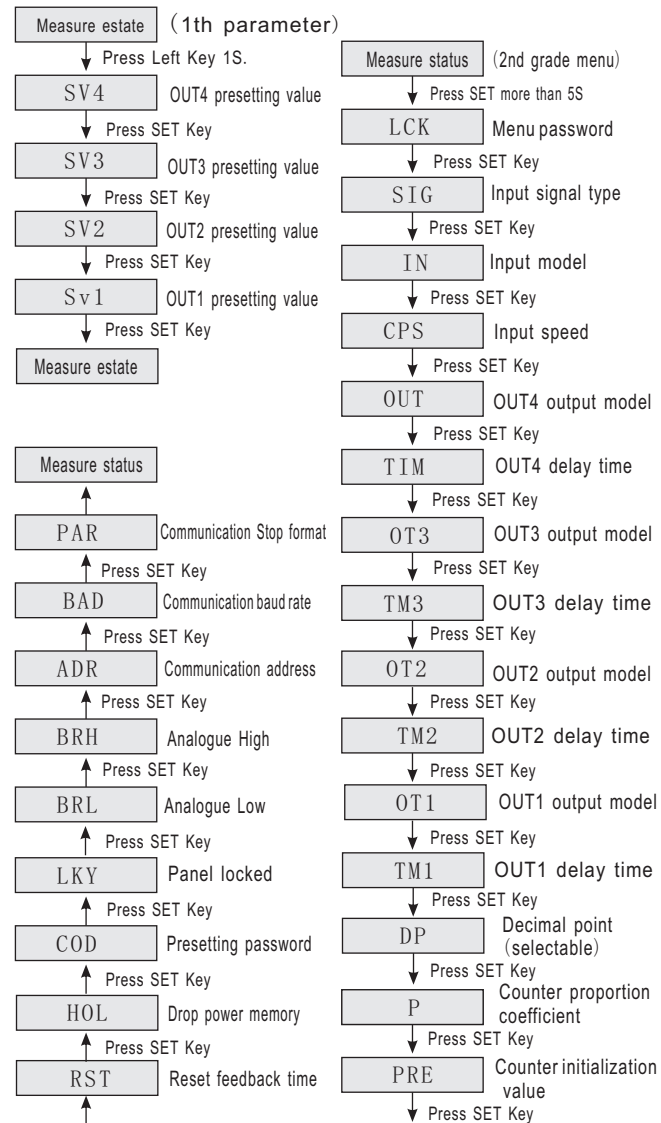


- ① Counting Display
- ② presetting display

Panel explain

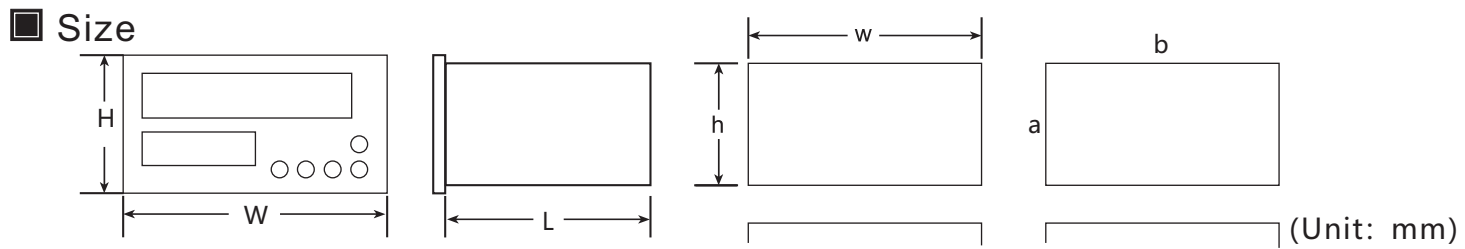
A. SET: Setting and confirm Key ; ◀ : Move Key ; ▼ : Decrease Key ; ▲ : Increase Key ; RST: Reset key

B. parameter setting



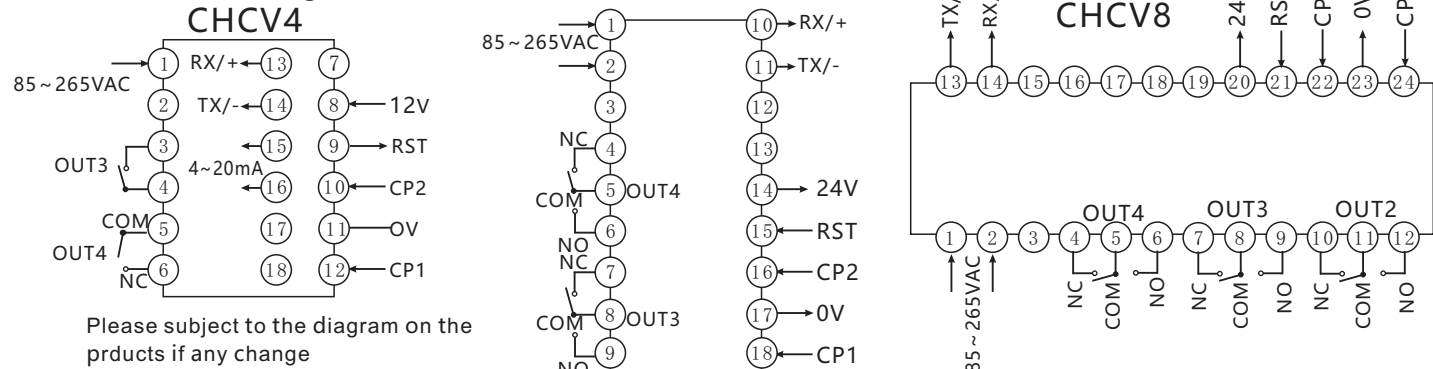
Parameter setting

Number	mark	code	explain	leave factory setting
1	SV4	OUT4 preseting value	When the count value reached the SV4 preseting value, the OUT4 relay with output. see as follow drawing.	2000
	SV4			
2	SV3	OUT3 preseting value	When the count value reached the SV3 preseting value, the OUT3 relay with output. see as follow drawing.	1500
	SV3			
3	SV2	OUT2 preseting value	When the count value reached the SV2 preseting value, the OUT2 relay with output. see as follow drawing.	1000
	SV2			
4	SV1	OUT1 preseting value	When the count value reached the SV1 preseting value, the OUT1 relay with output. see as follow drawing.	500
	SV1			
5	LCK	CODE	LCK=COD preset value, then can into the menu amend it. LCK=other value, forbid into and returned the natural estate	0000
	LCK			
6	SIG	Input Signal	SIG=NPN (Low electric) SIG=PNP (High electric)	NPN
	SIG			
7	IN	Input Model	Five kinds of models. Please see as follow drawing.	U
	IN			
8	CPS	Input speed	5: the MAX. value is 5Hz. 30: the MAX. value is 30Hz. 5K: the MAX. value is 5KHz. 10K: the MAX. value is 10KHz.	5K
	CPS			
9	OUT	OUT4 output mode	It is with eight kinds of action. Please see as follow drawing.	R
	OUT			
10	TIM	OUT4 delay Time	The range: 0.01—99.99 second	0.50
	TIM			
11	OT3	OUT3 output mode	It is with three kinds of action. Please see as follow drawing.	HOL
	OT3			
12	TM3	OUT3 delay Time	The range: 0.01—99.99 second	0.50
	TM3			
13	OT2	OUT2 output mode	It is with three kinds of action. Please see as follow drawing.	HOL
	OT2			
14	TM2	OUT2 delay Time	The range: 0.01—99.99 second	0.50
	TM2			
15	OT1	OUT1 output mode	It is with three kinds of action. Please see as follow drawing.	HOL
	OT1			
16	TM1	OUT1 delay Time	The range: 0.01—99.99 second	0.50
	TM1			
17	DP	Decimal	The Max. decimal is 4 digital	000000
	DP			
18	P	Proportion coefficient	For each pulse value that it is Proportion coefficient. It is use the Counter value change to measure length value.	1.0000
	P			
19	PRE	Counter original value	Every time Press RST Key will returned original value, Every time will come to the original value read Counter.	000000
	PRE			
20	RST	Reposition Time	It is can select 1 millisecond or 50 millisecond	50
	RST			
21	HOL	Power fail memory	if the meter turn off the power.. It will keep the before value.	YES
	HOL			
22	COD	CODE	Only the LCK =Preset COD code then can into the 2ND Parameter. (please remember the COD code)	0000
	COD			
23	LKY	LOCK	LKY=yes, It is can lock for any key except the SET.	NO
	LKY			
24	BRL	Analog Low	Analog Low output corresponding to the low setting display	000000
	BRL			
25	BRH	Analog High	Analog high output corresponding to the high setting display	2000
	BRH			
26	ADR	Communication ADD	Communication ADD Parameter	001
	ADR			
27	BAD	Communication filter bit	Communication filter bit for select	9600
	BAD			
28	PAR	Communication data	2 bit or 1 bit	1.8.2.n
	PAR			

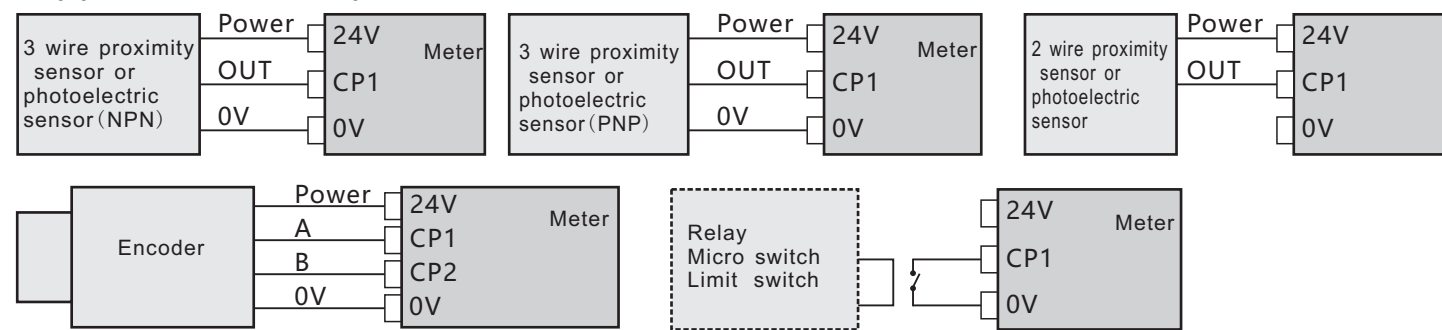


Model	panel size H×W	shell size h×w×L	opening size a×b
CHCV4	48×48	45.5×45.5×84	46.5×46.5
CHCV7	72×72	69×69×84	70×70
CHCV8	48×96	45.5×90.5×84	46.5×91.5

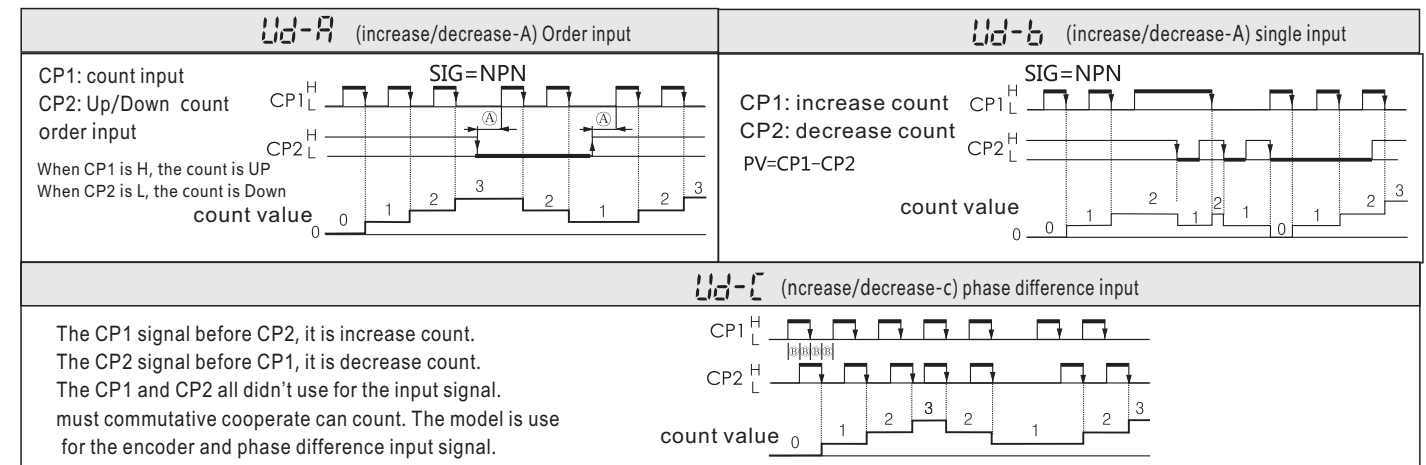
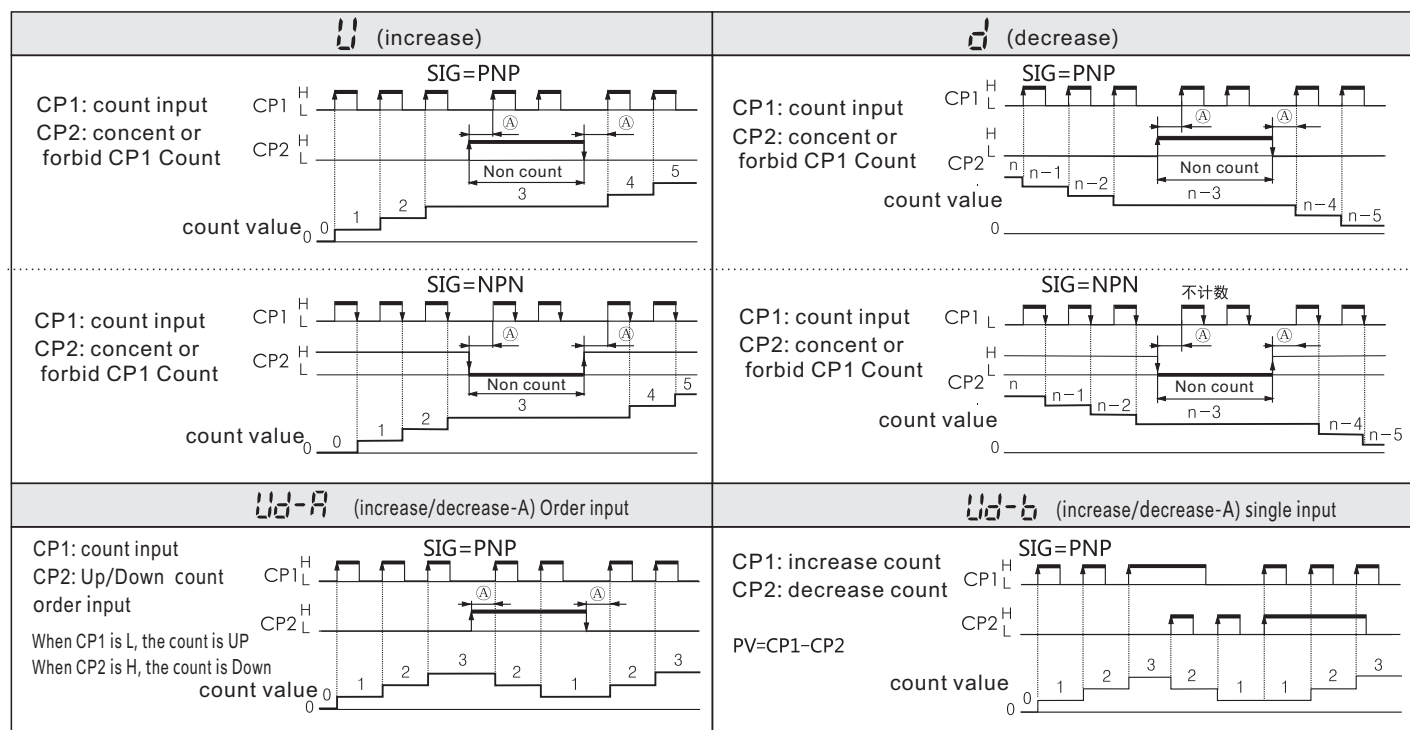
Terminal Configurations



Application examples



Input model (IN) and Count value (PV) drawing



Counter output model

Model	Input Model			Action
	Up	Down	Up/Down A, B, C	
F (F)				OUT3 explain Hold After relay OUT3 energized, it de-energize by reset of relay OUT4. OFF After relay OUT3 energized, it de-energize immediately once relay OUT4 energized t, n̄ Relay OUT3 energized, it de-energize after delay TM3.
				OUT3 explain Hold After relay OUT3 energized, it de-energize by reset of relay OUT4. OFF After relay OUT3 energized, it de-energize immediately once relay OUT4 energized t, n̄ Relay OUT3 energized, it de-energize after delay TM3.
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C (C)				OUT3 explain Hold After relay OUT3 energized, it de-energize by reset of relay OUT4. OFF After relay OUT3 energized, it de-energize immediately once relay OUT4 energized t, n̄ Relay OUT3 energized, it de-energize after delay TM3.
				OUT3 explain Hold After relay OUT3 energized, it de-energize by reset of relay OUT4. OFF After relay OUT3 energized, it de-energize immediately once relay OUT4 energized t, n̄ Relay OUT3 energized, it de-energize after delay TM3.
				OUT3 explain Hold After relay OUT3 energized, it de-energize by reset of relay OUT4. OFF After relay OUT3 energized, it de-energize immediately once relay OUT4 energized t, n̄ Relay OUT3 energized, it de-energize after delay TM3.
Q (Q)				OUT3 explain Hold After relay OUT3 energized, it de-energize by reset of relay OUT4. OFF After relay OUT3 energized, it de-energize immediately once relay OUT4 energized t, n̄ Relay OUT3 energized, it de-energize after delay TM3.
				OUT3 explain Hold After relay OUT3 energized, it de-energize by reset of relay OUT4. OFF After relay OUT3 energized, it de-energize immediately once relay OUT4 energized t, n̄ Relay OUT3 energized, it de-energize after delay TM3.
				OUT3 explain Hold After relay OUT3 energized, it de-energize by reset of relay OUT4. OFF After relay OUT3 energized, it de-energize immediately once relay OUT4 energized t, n̄ Relay OUT3 energized, it de-energize after delay TM3.