Module Stressed:

1. The dual mode,the duty cycle is 0.1% good model;
2. The frequency and duty cycle,LCD LCD is very clear,using encoder potentiometer to adjust,very convenient;PWM output frequency and duty cycle can be set separately;
3. The lock function,prevent wrong operation;
4. The duty cycle of the upper and lower limits can be set up;KPWM switch,and PWM output can be turned on and off a key;
5. The wide frequency range and high precision;
6. Serial communication is possible

The module is Described

PWM output,frequency and duty ratio can be separately;
Normal mode:
Frequency range 1 hz ~ 000 ~ 150 KHZ duty cycle,duty ratio 1%
Good mode:
Duty cycle 1 hz to 15 KHZ range of 00.0 ~ 0.1% duty cycle
Is divided into four frequency range,automatic switch:
1. XXX (no decimal point) : a small unit is 1 hz,value range is 1 hz ~ 999 hz.
2. X.XX (decimal point in the hundreds),small unit 0.01 KHZ,and the value range is 1.00 KHZ to 9.99 KHZ.
3. Xx.Decimal point X (10) : a small unit 0.1 KHZ;Values range from 10.0 KHZ to 99.9 KHZ
4. 7.0.x.x.X (decimal point in dozens,hundreds of) : a small unit 1 KHZ;Range of values is 1 KHZ to 150 KHZ
Such as frequency display: 100 means that the PWM output 100 hz pulse;
1.01 means 1.01 k PWM output pulse;
54.1 54.1 KHZ PWM output pulse means;
1 means that the PWM output 124 KHZ pulses;
Duty cycle range of values: 0 ~;
All save the parameter set to turn it off.

The Parameter Settings

This product adjust the frequency and duty ratio through rotating potentiometer,which can be adjust according to the speed fast.Default adjustment cycle,short according to adjust the frequency,by 2 seconds long locks,long press 5 seconds to switch modes (normal mode/fine mode),simple operation,automatically saved after parameter setting,not lost.

The Module Parameters:

1. Working voltage: 3.3 ~ 30 v.
2. The frequency range: 1 hz ~ 150 KHZ normal mode;A good pattern 1 hz to 15 KHZ;
3. The frequency accuracy: precision in every range of about 2%;
Load capacity: 4. The signal can be about 5 ~ 30 ma output current;
5. The output amplitude,pulse width modulation amplitude is equal to the power supply voltage;
6. The environment temperature: - 20 ~ + 70 ℃.
7. Weight: 42 grams

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