

Manual of CH-926

CH-926 is a multi coin selector, can accept up to 6 kinds of different coins at the same time. This type of coin selector is widely used in Vending machine, Arcade Game, Message chair, and other self-management system. CH-926 is mainly based on material, weight and size to identify coins. We use the most up to date algorithm to design software. Therefore, CH-926 is very stable and accurate even when environment changes such as temperature, and humidity etc... In order to increase the accuracy, we suggest different version of coins use different channel to set up.

Specifications

Coin diameter : 15mm~32mm

Atmospheric pressure : 86Kpa—106Kpa

Coin thickness : 1.2mm~3.8mm

Working humidity : $\leq 95\%$

Working voltage : DC +12V $\pm 10\%$

Speed : $\leq 0.6s$

Working current : 65mA $\pm 5\%$

Accuracy rate of identification : 99.5%

Signal output : pulse

Features

- a. Capable of accepting all worldwide Coins and Tokens.
- b. Intelligent CPU software control, and high accuracy .
- c. Self-programming without PC.
- d. Accept 1~6 different kinds of coins at the same time.
- e. Free to set up pulses' output.
- f. Prevent not only electric shock but also electromagnetic interference.
- g. Automatic self-test for problems.

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The Process of Setup for Parameters

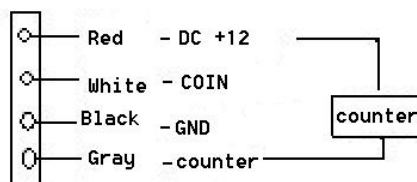
1. Press the "Add" and "minus" buttons at the same time for about three seconds, then the letter "A" will appear from the LED display.
2. Press the "setup" button once, and the letter "E" will appear. Next, use the buttons to choose how many kinds of coins you would like to use; then press the "setup" button again to finish.
3. The letter "H" will appear after pressing the button. Use the "Add" and "minus" buttons to choose how many samples you would like to insert later. Next press the "setup" button again to finish.
4. The letter "P" will appear after pressing the button. Use the "Add" and "minus" buttons to choose the amount of output's signals/pulses you want. The quantity limited is 50 times. Next, press the "setup" button to finish.
5. The letter "F" will appear after pressing the button. Use the "Add" and "minus" buttons to choose accuracy. The value is from 1~30, and 1 is the most accurate. Normally, 5~10 will be fine. Next, press the "setup" button to finish.
6. So far, you have successfully set up the first coin. please repeat all above procedures until you have set up all the coins. The letter "A" will appear again after all above procedures are finished.
7. Press the "setup" button, and the letter "E" will appear. Finally, turn off and turn on the power. The setup will be stored.

You can start sampling after the setup is finished. Please choose at least 20 coins. The sampling process will affect the accuracy of coin selector.

Sampling

1. Press the "setup" button, then letter "A" will appear from the LED display.
2. Press the "setup" button again, then letter "A1" will appear. Next, start to insert sample coins. The LED display will show how many coins you insert. The letter "A1" will appear again after finished.
3. Press the "setup" button again, then the letter "A2" will appear. Next, Start to sample 2nd coin, and repeat No. 1 and No. 2 until all the coins are set up .
4. After finished the sampling, press the "setup" button. The letter "A" will appear, then turn off and turn on the power. Now you can start to use it.

Connections' manual



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FAQ:

A. Coins can't pass through

1. Check if the connection is correct or poor connection.
2. Check if sampling is appropriate.
3. Check if there is something stuck inside.

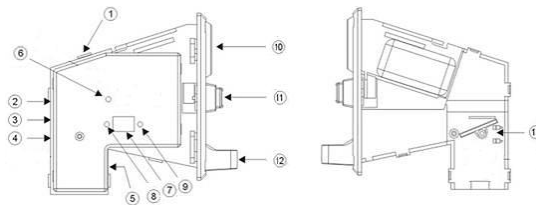
B. Can't identify outputs

1. Check if 2 way switches -NO. NC.- are correct.
2. Check if Singal wire is connected correctly .
3. Check if there is pull-up resistor with signal wire(not allowed).
4. Check if there is something stuck on the channel where the coins pass out.

C. Coins can not pass smoothly

1. Check if the parameter is set up appropriately.
2. Check the accuracy switch
3. Check if there is something stuck on the channel where the coins pass out.

Name and Function



- ① LED light - The light of indication.
- ② 4pin Socket
- ③ Two way switch – signal output NO. or NC.
- ④ Three way switch - Output signal - fast: 20ms , medium: 50ms , slow: 100ms
- ⑤ 2pin Socket - Electromagnetic valve DC 12V
- ⑥ "Setup" button
- ⑦ LED display
- ⑧ "Add" button - Plus "+" value
- ⑨ "Minus" button - Minus "-" value
- ⑩ Coin slot
- 11 Press-button for removal of blocked coin
- 12 Return slot of Coin
- 13 Position of electromagnetic strobe