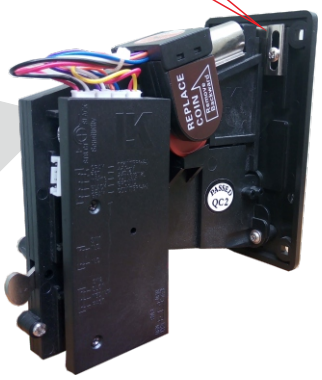
Likang Front inserting coin selector
LK400BR Manual V2.0

Product Features

1.Suitable for a variety of metal coins.
2.CPU process control, accurate scoring.
3.Special precision/normal stall, coin smoother.
4. Optional output pulse width.
5.Prevent fishing and other means of cheating, cheat alarm.
6.Prevent diameter of the coin is 2mm less that the sample one.
7.Wire part of the whole SMT technology, quality and stability.



Step ①: Adjustment on the rear panel of the metal. Diameter is too large to prevent the misuse of tokens. Adjustment methods: Loosen the screws. Vertical sliding metal to proper position and then tighten the screws.
(This metal part is optional).



Instructions

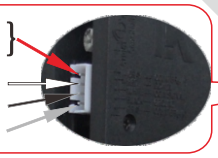
1.Adjust the metal piece on the rear of panel to prevent too large coins.(This metal piece is optional).
2.Take out the plastic coin from the slot, put your coin in.
3.According to machine's motherboard,select the output mode NC(normally close)/NO(normally open). Usually use NC stall.
4.Depending on your motherboard to select the output pulse switch(20ms/40ms/100ms).Usually 20ms stall.
5.Based on your currency, select the sensitivity. If you require the ability to identify strong. The sensitivity switch to “accurate” if the coin error, occurred during part of the coin mistaken for real currency counterfeiting. You will need to switch sensitivity “normal”.
6.Install coin acceptor,it can be used after connecting power and signal wires.

Step ②: Pull up and remove the red prototype, then use your reference coin.

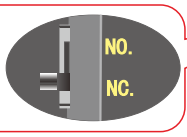
Adjust the sensitivity slightly, the factory has adjusted to a reasonable position.



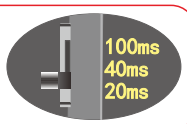
Code table(gray)
Power 12V(red)
Signal output(white)
Power Ground(black)
Code table(gray)



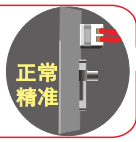
Step ③: Set SW1 output mode,select NC/NO, the factory settings is NC.

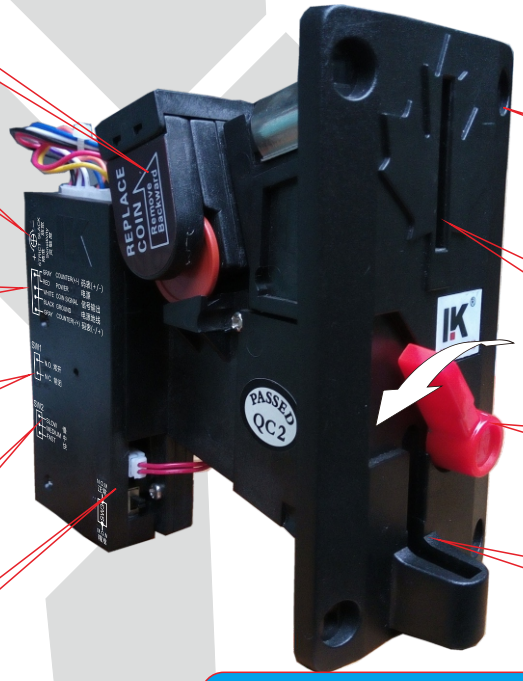


Step ④: Set SW2 Output pulse width. Selection 20ms/ 40ms/100ms.



Step ⑤: Set SW3 Sensitivity selection. Precision/normal.





Mounting hole:
With a square neck screws φ4



The slot:
Pls use the coins φ20~φ30mm.
Coin thickness: 1.2~3.0mm

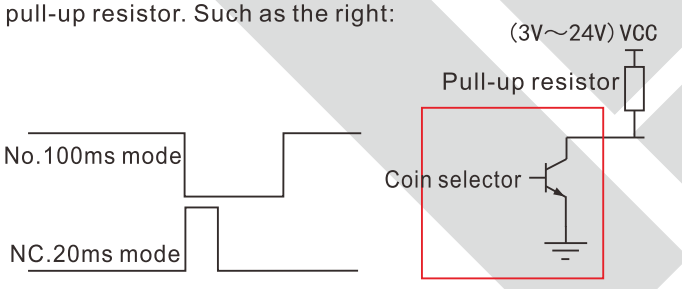
Coin bar:
When a larger diameter coin or a foreign body stuck, flip the lever to exit the foreign coin.

Coin mouth:
Counterfeit coin/foreign body from here to exit.

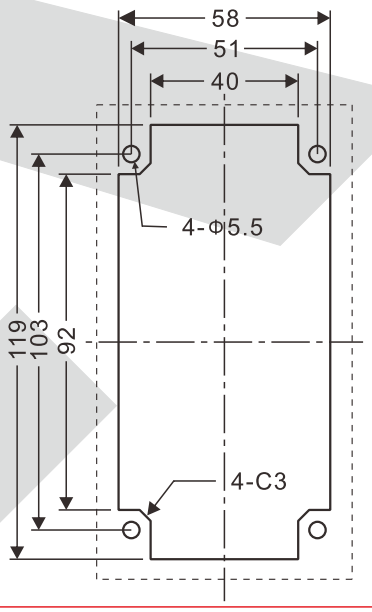
Communication circuit

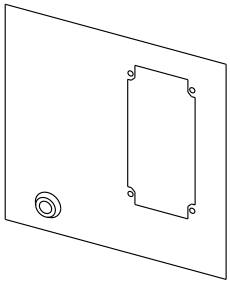
Coin detected ”real money” when the circuit gives a pulse signal(the pulse signal can be selected by the switch SW1 is a normally closed or normally open output;SW2 switch to select the pulse width).

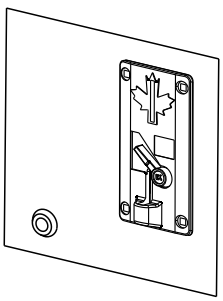
The product is open collector output circuit(OC.).Your own pull-up resistor. Such as the right:



The size diagram and effect diagram Unit:mm



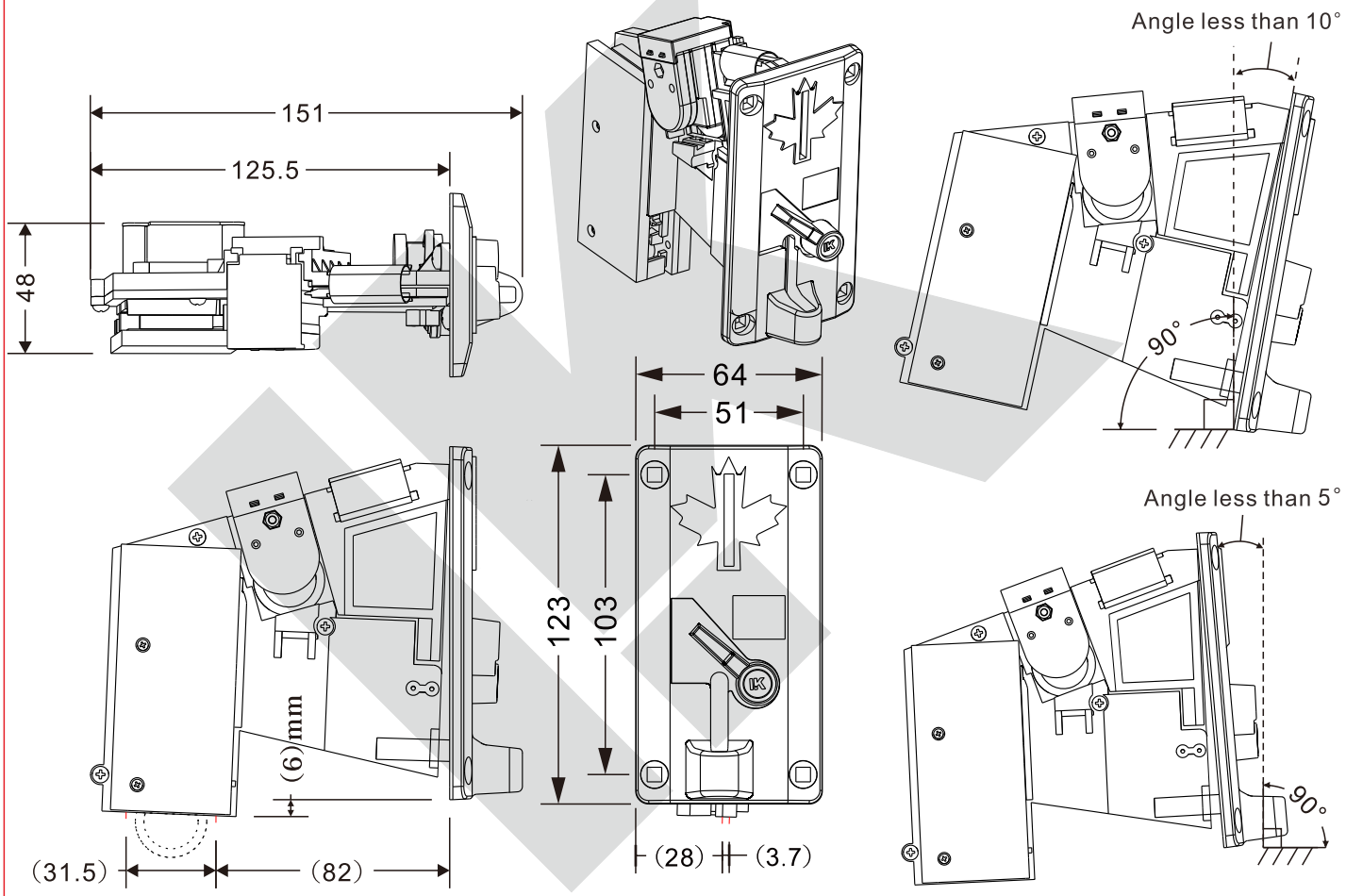




Likang Electronic Technology Co.,Ltd.
www.lk.cm

Product size Unit: mm

Note: Band () is the relative size of the coin slo



Common Exception Handling

A. coin is not passed:
1. the existence of poor contact.
2. the wiring is not correct.
3. a foreign body is on the Channel.
4. power supply 12V is not normal.
5. the out mouth of coin is not smooth.
6. prototype is not fit correctly.
7. Coin coins if there are foreign bodies inside track, such as the electric eye position is blocked.

B. coin is not scoring(eating coin):
1. SW2 pulse width is not match set.
2. SW1 NO/NC is not match set.
3. the signal line is unconnected, connection method is not correct.
4. coin signal and open collector output, the target board is not connected Pull-up resistor.

C. coin is not smooth:
1. adjust the switch accuracy, precision stall: more stringent selection, use normal stall.
2. the prototype is not good clip.
3. the coin mouth is not smooth.
4. adjusted VR knob: clockwise screening more relaxed, counterclockwise strict.

D. accept counterfeit coin:
1. adjust the switch stall accuracy.
2. VR adjustment knob counter-clockwise: clockwise screening more relaxed. Counterclockwise strict.

E. code table does not move:
1. wiring is not correct.(one end of the code table is not connected with the code table line, the other end of DC+12V).
2. the code table is bad.
3. The cable resistance is too large, resulting in power mainly the code table.
4. Does the supply voltage and rated voltage requirements of the code table match.

F. multi alarm:
1. the outlet is bad connected.
2. if a foreign body on the coin channel.
3. reflector is off.

Performance parameters

Operating voltage	DC 12V±10%
Operating current(maximum current)	＜650mA
Standby current	＜50mA
Operating temerature	－15℃~＋75℃
Output mode	OC.
Output signal	20ms/40ms/100ms
Coin diameter	20mm~30mm
Coin thickness	1.2mm~3.0mm
Package	30PCS/SET
Package size	47*36*27.5cm
Angle assembly	－5°~10°

Product Weight(KG)

Product model	LK400BR
Single weight	0.32
Whole GW	10.4

If product technology improved, it will be edited in the new manual without notice. The ultimate interpretation of this manual is up to Guangzhou Likang Electronic Technology Co.,Ltd.

Likang Electronic Technology Co.,Ltd.
www.lkchina.asia