

LiKang Front inserting coin acceptor

LK781 manual

Product Features

- 1.Suitable for various of metal coins;
- 2.CPU process control, score accurately;
- 3.Special precise/normal stall, coin smoother;
- 4.Powerful prevent phishing and other means of cheating, with cheating alarm;
- 5.Excellent technology in circuit part,stable and reliable quality;
- 6.Open cover design, completely solve the coins jamming and blocking;
- 7.The panel adopts patent design, anti-phishing and anti-cheating.

Steps for usage

- 1.Take out the plastic coin from the slot, put your coin in;
- 2.According to machine's motherboard,select the output mode NC(normally close)/NO(normally open).Usually use NC stall
- 3.According to machine's motherboard,select the output pulse switch (25ms/50ms/100ms,usually use 25ms) ; ;
- 4.According to your coin,select the sensitivity.If you require a high accuracy,adjust it to "precision".If some true coins were misjudged as false coins, adjust it to "normal";
- 5.Install coin acceptor,it can be used after connecting power and signal wires.

A Step①:Pull up, remove the red example coin, then put your reference coin.

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

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

D Step②:Set SW1 output mode, select NC/NO, the factory setting is NC.

E Step③:Set SW2, select the output pulse switch(25 ms/ 50ms/100 ms),the factory setting is 25ms.

F Step④:Set SW3, sensitivity switch, select precise/ normal, the factory setting is Normal.

4 pin connector wire can be option

G Mounting holes: With a square neck screw diameter of 4mm

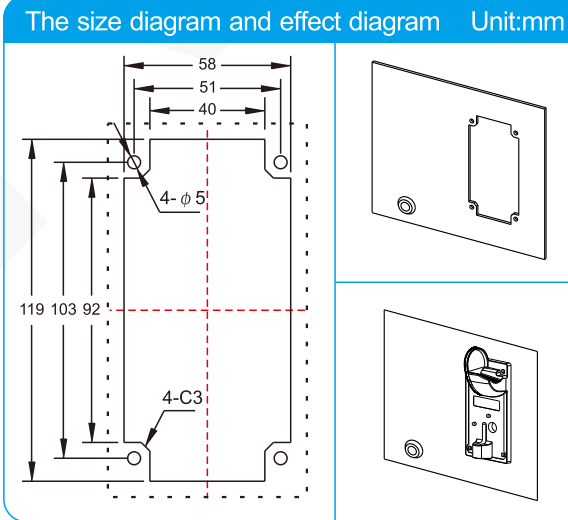
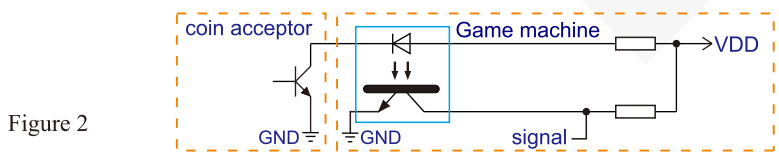
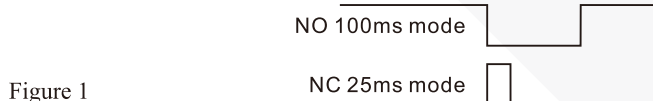
H Coin slot: Please use the coins $\phi 20\text{mm}\sim\phi 29\text{mm}$,the thickness of the coins is 1.2mm~ 2.2mm.

I Coin bar; When a larger diameter coin or a foreign body stuck,flip the level to exit the foreign coin.

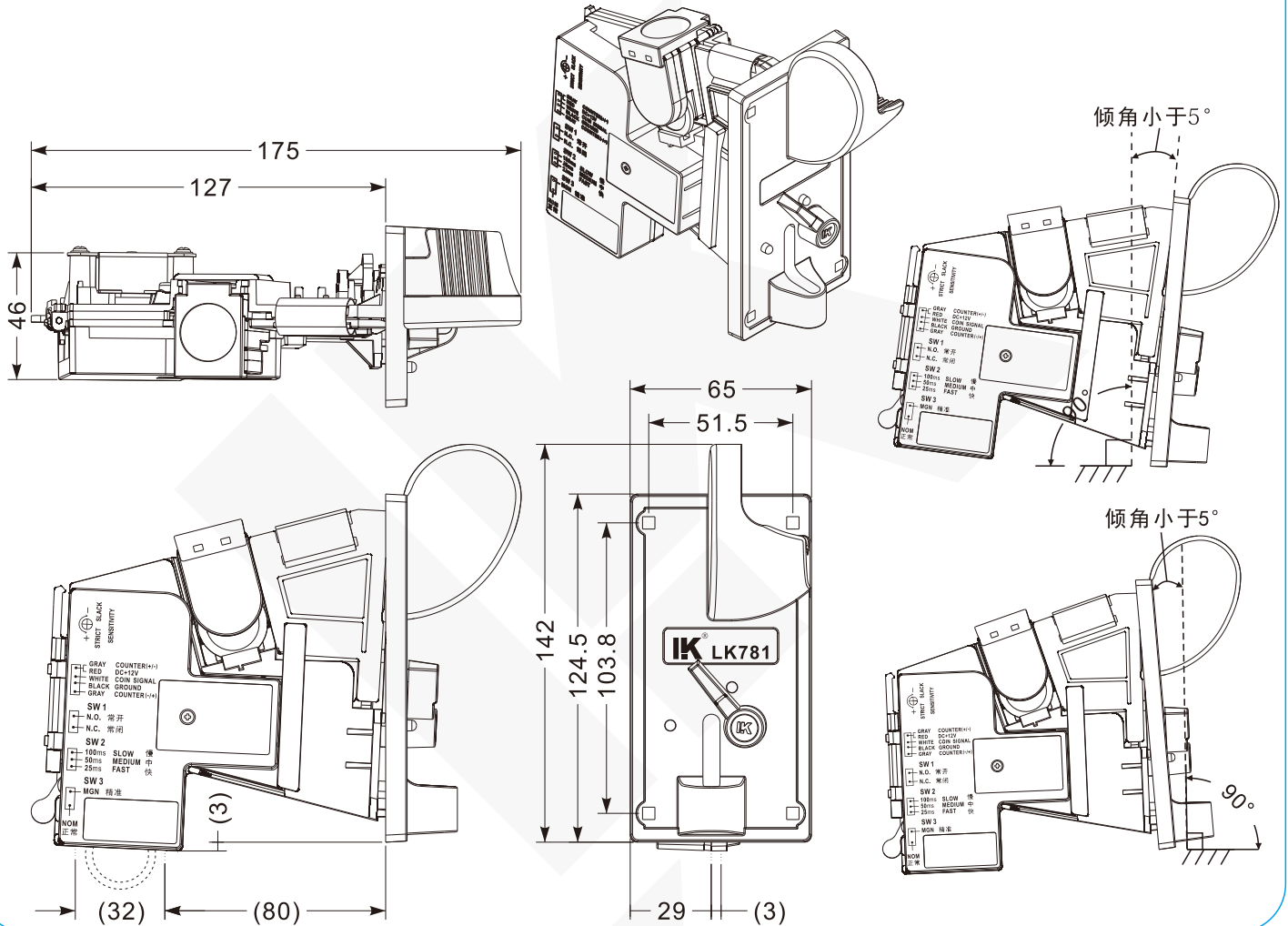
J Coin mouth: False coin/foreign body from here to exit.

Communication circuit

Coin detected "real coin", when the circuit gives a pulse signal (the pulse signal can be selected by the switch SW1,normally closed or normally open output;SW2 switch to select pulse width,see Figure 1)
The circuit output of this product is a triode collector or MOS tube drain open output , When it is used,users are advised to use optocouplers to receive signals when designing the interface circuit (see Figure 2).



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



Common abnormalities handling

A. Coin not passed

- 1.If there is poor contact in the coin power outlet;
- 2.If the wiring is correct;
- 3.If there is a foreign body in the coin track;
- 4.If power supply 12V is normal;
- 5.If the out mouth of coin is smooth;
- 6.If prototype is fit correctly;
- 7.If mounting depth is enough;
- 8.If there is a foreign body in the coin track, such as electric eye position is blocked.

B. Coin not score

- 1.If SW1 NO/NC is set matched;
- 2.If SW2 plus width is matched;
- 3.If the signal is connected well,if connection method is correct;
- 4.Coin signal and open collector output,if the target board is connected with pull-up resistor.

C. Coin not smooth

- 1.Adjust precise switch, precision stall:more stringent selection, commonly normal stall;
- 2.If prototype is fit correctly;
- 3.If coin slot is smooth,such as hopper tank depositing port and slot machine outlet slot are aligned;
- 4.Adjust VR knob,clockwise screening more relaxed, counterclockwise more strict.

D. Accept false coin

- 1.Adjust precise switch to precision stall;
- 2.Counterclockwise adjust VR knob(counterclockwise more strict)

E. Code mode doesn't move

- 1.If the wiring is correct(An end of the code table is connected with code table line , the other end of DC+12V);
- 2.If the code mode is bad;
- 3.Cable resistance is too large, resulting in power is below standard;
- 4.The power supply voltage and rated voltage code table required are the consistent.

Basic parameters

Operating voltage		DC12V±10%
Standby currency		< 50mA
Operating currency (Maximum current)		< 650mA
Operating temperature		-15°C~65°C
Output mode		OC.
Output signal		25ms/50ms/100ms
Coin diameter		20~29mm
Coin thickness		1.2~2.2mm
Angle assembly		-5°~5°
Individual packaging	Meas	187*72*152mm
	Gross weight	Without wire 312g
		With wire 320g
Carton packaging	Package	30PCS/SET
	Meas	580*380*325mm
	Gross weight	Without wire 10.3KG
		With wire 10.6KG

Assemble requirements

To prevent interference from adjacent signals, the adjacent mounting distance should be greater than 15mm.

