

## One. Technical parameters:

|                                                                      |                                    |
|----------------------------------------------------------------------|------------------------------------|
| Working voltage: AC220V/50HZ                                         | Sensor input interface: DC12V(NPN) |
| Output interface: Two-way solid-state switch 220V/ maximum 3A        |                                    |
| External input interface: Automatic / manual, left and right inching |                                    |
| Limit input interface: Left and right constant closed limit switch   |                                    |
| Limit alarm output: Internal buzzer alarm and 12V output             |                                    |

## Two. Shape size and part name:

1, Left limit indicator light

2, Right limit indicator light

3, Left turn indicator light

4, Right turn indicator light

5, Correction delay display

6, Auto mode button

7, Press button to the left

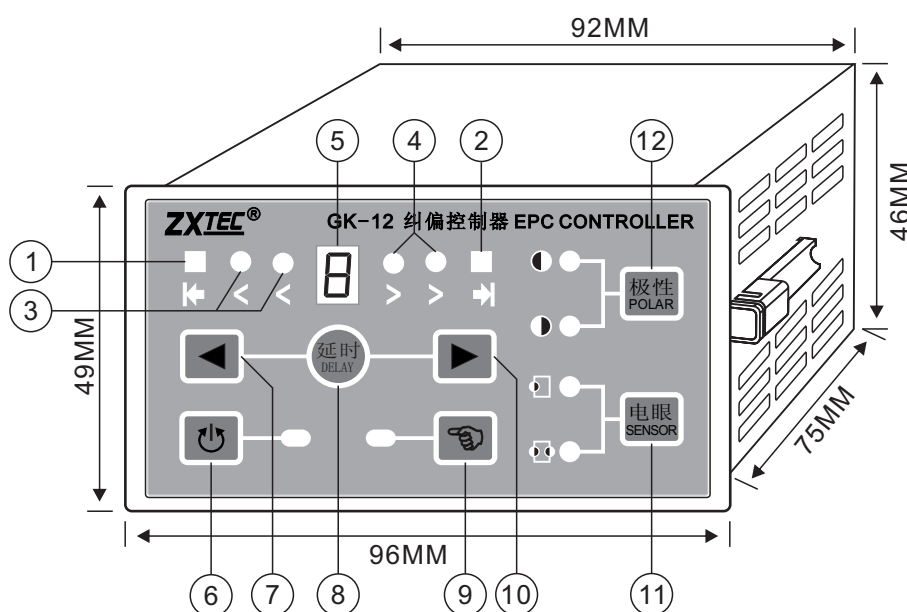
8, Delay adjustment key

9, Manual mode button

10, Press button to the right

11, Button for eye selection

12, Key for polarity selection



## Third, the operation of the controller:

3-1 Manual mode: press the manual mode button, the controller will enter manual mode to work, the corresponding manual LED is lit, the output of the controller will only be controlled by the left and right keystrokes.

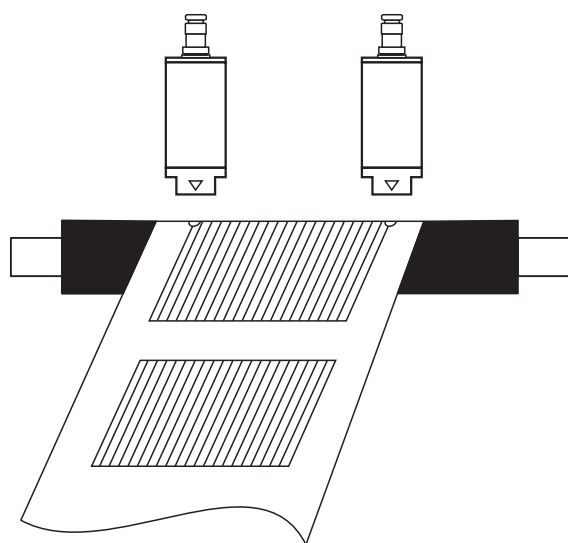
3-2 automatic mode: press the automatic mode button, the controller will enter the automatic mode to work, the corresponding automatic light is lit, the output of the controller will be controlled by the photoelectric eye input signal, if the controller chooses a single eye to work, The bias correction output signal is controlled only by the electric eye 1 signal, if the controller chooses the double electric eye to work, the bias correction output signal is controlled by the electric eye 1 and the electric eye 2 signal at the same time. The left and right keystrokes in automatic mode take precedence over the output signal.

3-3 deviation correction delay: in the automatic mode, the change of the signal input by the electric eye will be delayed to the correction output, and the larger the correction delay, the slower the response of the deviation correction output will be. The purpose of this function is to prevent mechanical noise and shorten the life of mechanical parts caused by excessive multiplicity of rectifying motor. The setting of rectifying delay is to adjust the delay by pressing the delay button first and then pressing the button to the left or right.

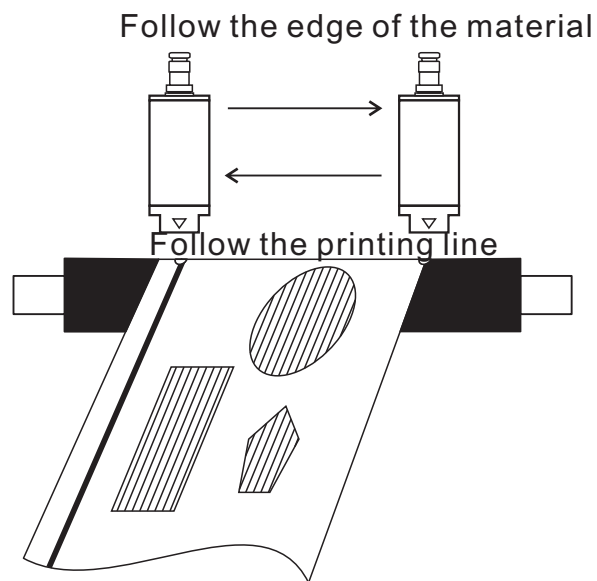
3-4 eye selection: the controller can select a single eye or a double eye to work. Press the eye button to switch the light corresponding to the single or double eye at the same time. Users can choose according to the different rectifying materials (see figure below).

3-5 polarity: if the deviation correction material and motor are in the same direction and cannot be rectified in the automatic mode, it is necessary to switch the correction polarity. Press the polarity button to switch between different polarity lights at the same time.

3-6 offset correction: when the rectifying motor runs to the limit of one side and results in the limit switch action, the controller will stop the output in that direction so that the motor will not exceed the rectifying stroke. At this time press the opposite direction manual button can make the correction position return to the normal rectifying stroke. When the deviation correction runs to the limit, the internal buzzer of the controller will alert, and the alarm output port will also output the signal.



Double electric eye tracking can be considered in symmetrical pattern.



The irregular pattern can take into account the single electric eye.

Four. Wiring diagram of the controller:

