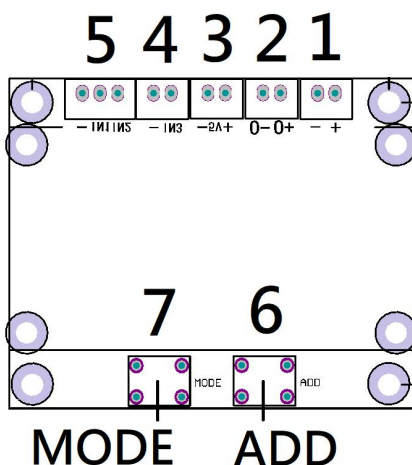


# JY-279 Counter Manual

## Function Summary

- Input Voltage: DC+12V or 24V. Control voltage is based on input voltage.  
Control Voltage: Input DC+12V, then control DC+12V. Input DC+24V, then control DC+24V.
- **2 ways to count received signals**
  - (1) Count on CHANNEL 1:  
Push button start → Supply power to device → Input signal to CHANNEL 1 →  
Count sensor signals → the signals reach presetting → Cut off power →  
push button start → restart counting  
Note: Push button start when counting → pause → push the button again → continue  
Control MAX LOAD CURRENT: 1A
  - (2) Channel 1 and Channel 2: Individual counte  
Receive sensor signals → count all
- **Auto stop if no signals after start counting in pre-setting time.**  
Time is settable from 0 to 99 seconds.
- **8 digits per channel. Count from 0.**



### Connection Description

- 1: **Input DC+12V/DC+24V:** Blue: Power+, Green: Power -
- 2: **Output power to device (under 1A):**  
Blue: Power+, Green: Power -
- 3: **Output DC+5V after:** Blue: DC+5V, Green: GND
- 4: Button signal
- 5: **Input signal:** Channel 1, Channel 2  
Brown: GND  
Green: Signal Input 1 for CHANNEL 1  
Blue: Signal Input 2 for CHANNEL 2

- **Set up Max Signal Input:**  
Press MODE → Digit flashes → Press MODE to change to next digit →  
Press ADD to adjust on the digit you need
- **Set up Auto Stop Time:**  
Cut off power (2) if It does not receive any signal in setting time.  
Hold on MODE for 2 seconds → Digits flash → Press ADD to adjust →  
Hold on MODE for 2 seconds to save
- **Reset:** Hold on ADD for 2 seconds when standby → Reset