

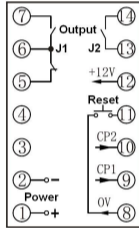
Description



Specification

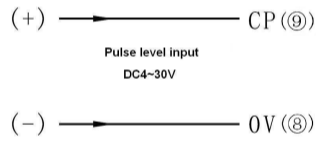
Rated Supply Voltage	AC24V, 36V, 110V, 220V, 380V 50/60Hz, DC24V(85% to 110% of rated supply voltage)
Input Modes	Increment, Decrement, Individual (UP/DOWN B), Quadrature (UP/DOWN C)
Counting Speed	High frequency 30~1000 times/s, Low frequency 30 times/s
Counting range	1~99999999
Value coefficient	0.0001~9.9999
Input Signals	Contact signal(Contact and Limit switch) Pulse level signal(H: DC4~30V, L: 0V~DC2V) Sensor signal(NPN, PNP, Hall, Length measuring sensor, Rotary encoder)
Output Modes	N, C
External Power Supply	DC12V 30mA(Max.)
Reset	Button switch and connect terminal 8 and 10
Memory Protection	10 years
Mechanical Life	100000 operations min.
Electrical Life	100000 operations min. (5 A at 250 VAC/30 VDC, resistive load)
Rated Load of the Contact	5A AC220V(Resistive)
Installation	Flush mounting

Wiring Diagram and Dimension(mm)

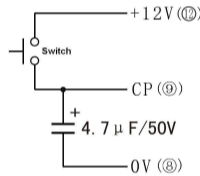


Input Signals

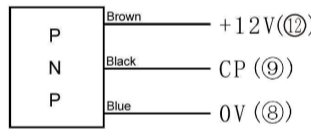
Pulse level signal counting



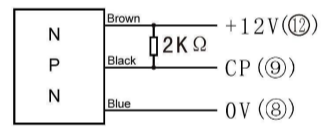
Contact signal counting



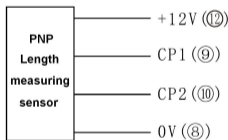
PNP transistor



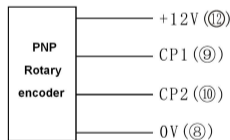
NPN transistor



PNP Length measuring sensor

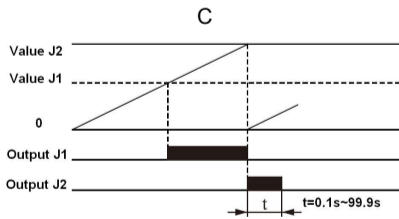
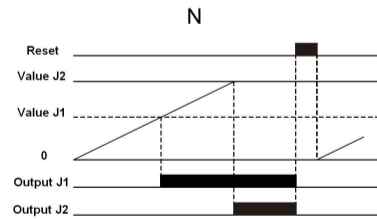


NPN Rotary encoder

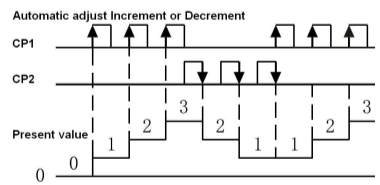


- Note 1: For counter the DC6~36V PNP NO type Photoelectric switch or Proximity switch is preferred.
- Note 2: If the input signal is contact signal, please connect 4.7 μ F capacitor between CP signal and 0V.
- Note 3: If the input signal is NPN transistor, please connect 2K Ω resistor between CP signal and 12V.

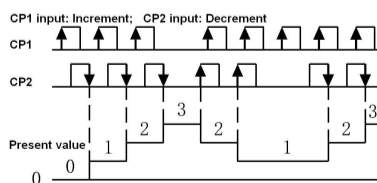
Input/Output Mode Settings



UP/DOWN B: Individual Input Mode



UP/DOWN C: Quadrature Input Mode



Dimension(mm) and Mounting(67.5mm*67.5mm)

