

## LD48J Series



### General

- (1) Counting the input signal (NPN knot signal, contact signal).
- (2) Battery backup function can be chosen. Data keep time after power cut should not less than 10 years (EEPROM).
- (3) Up digit (plus counting) or low digit (minus counting) panel dial code for selection. Three kinds of counting multiplying factor the counting range highly up to 1-999900.
- (4) 4 bits dial code preset, 1 bit dial code to set counting multiplying factor, LED with high bright displays counting value and the digit height is 0.36 inch.
- (5) Input signal adopts photoelectric coupling isolation to increase the anti-interference capability.
- (6) DIN(48mm x 48mm) standard panel dimension, with standard 8-pin interface, and is convenient to use with matchable base.

### Technical parameters

Class	Multiplex type preset counter		
Type	LD48J	LD48J-P	LD48J-G
Special function	1+3 counting, 1+4 reset	1+3 counting, 1+4 DC12V output	1+3 counting, 1+4 pause
Rated working power	85~265VAC/DC input free, other working voltage upon request		
Power consumption	Less than 4.5VA		
Counting multiplying factor	×1、×10、×100、×1、×10、×100 (1 denotes to count and plus 1 for 1 input signal, 10 denotes to count and plus 1 for 10 input signals, 100 denotes to count and plus 1 for 100 input signals, x denotes positive mode x denotes in verse mode)		
Counting range	1-999900, 4 bits dial code preset, 1 bit counting multiplying factor set		
Counting speed	Less than 60CPS		
Counting signal input	Choose any in the two signal input modes :NPN knot signal (emitter connects to common terminal) and contact signal. NPN and contact short circuit (ON) impedance less than 3kΩ, and open circuit (OFF) impedance exceed 200kΩ. Signal photoelectric coupling is isolated.		
Display mode	4 bits digital tube with high bright displays counting value in real time, character height is 0.36 inch. Indicator light shows when inside relay breaks off		
Relay capacity	Impedance load:Max 5A/250VAC or 5A/28VDC		
Power cut memory function	LD48JE、LD48JE-P、LD48JE-G for options		
Reset mode and width	Reset signal of panel reset, base reset and power on re-set not less than 0.02Sec	Reset signal of panel reset, and power on reset not less than 0.02Sec	Reset signal of panel reset, and power on reset not less than 0.02Sec
Power output	W/O	Max DC12V,20mA	W/O
Service life	Mechanical life:5x10 <sup>6</sup> times, electric life:1x10 <sup>6</sup> times		
Operating environment	Ambient temperature:-10~+55℃ (nonfreezing) Ambient humidity:35~85%RH		
Noisy immunity	AC2kV(between operating power terminals )or DC± 500V,time accumulator works normally under disturbance of 1uS impulse width		
Weight	About 121g		
Installation mode	Panel built-in type, adopts the connection of connecting terminal mode		

Outline, connecting diagram, and tapping size

