

LD72J Series



General

- (1) Counting the input signal (NPN knot signal, contact signal), Data keep time after power cut should not less than 10 years (EEPROM).
- (2) 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.
- (3) 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 0.56 inch. The digit is striking.
- (4) DC12V, 20mA power supply output, it can be used for directly connected to sensors such as photoswitch and proximity switch.
- (5) Input signal adopts photoelectric coupling isolation to increase the anti-interference capability.
- (6) DIN(72mm x 72mm) standard panel dimension, connection mode of connecting terminals that without additional base, which is convenient to use with matchable equipments.

Technical parameters

Class	Multiplex type preset counter	
Type	LD72J	LD72JE
Rated working power	85~265VAC/DC input free, other working voltage upon request	
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 \bar{x} denotes in verse mode)	
Counting range	1-999900, 4 bits dial code preset, 1 bit counting multiplying factor set	
Power cut memory function	W/O	W (The function is also for time accumulator)
Counting speed	≤60cps	
Weight and outline dimension	About 150g, 72W × 72H × 126D	
Signal input mode	NPN or contact type, short time (ON) impedance less than 3kΩ, open circuit (OFF) impedance exceed 100kΩ. Signal inside adopts photoelectric coupling isolation	
Reset mode and signal width	Power on reset, panel keying reset and bottom terminal reset, LED displays 0 (positive mode) after reset or current dial code preset value (inverse code)	Power keying reset and bottom terminal reset, LED displays 0 (positive mode) after reset or current dial code preset value (inverse code). Power on reset (Recover the delay value before power cut and the relay state)
Contact capacity of inside relay	When the counting value reach user's dial code preset value, contact of output relay changes. Contact capacity is impedance load max 5A/28VAC or 5A/28VDC (two groups of relays)	
Power output of sensor	Max DC12V, 20mA	
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	
Service life	Mechanical life:5x10 ⁶ times, electric life:1x10 ⁶ times	

Outline, connecting diagram, and tapping size

