

# TOTALIZING COUNTER

## AC-116A

### \*Total Counter



### ■ Specifications

- Count Input:** Contact; Counted when contact is closed (Use built-in external power supply)  
 Voltage; "L" Counted at the rise to "H"  
 "L": 0 to 2V DC  
 "H": 4.5 to 30V DC
- Maximum Counting Speed:** 10cps/5kcps (By input terminal selection)  
**Minimum Pulse Width:** 10cps; 50ms, 5kcps; 0.1ms  
**Input Resistance:** 10cps; 6kΩ, 5kcps; 12kΩ  
**Maximum Counting Value:** 999999  
**Display Method:** Leading zero on the upper display is not shown
- Stored Data Hold:** Selected depending on types. Trickle charge by Ni-Cd battery. Duration: 5000 hours (When fully charged at 25°C)
- External Control:**
- Reset (When voltage is applied to reset terminals)  
 Contact; Reset when contact is closed (Use built-in external power supply)  
 Voltage; "L" Reset at rise to "H"  
 "L": 0 to 2V DC  
 "H": 4.5 to 30V DC  
 Minimum pulse width, more than 0.1ms input resistance 6kΩ  
 Response time ON/OFF; less than 0.1ms  
 Automatically reset when power is turned ON (Not reset for battery built-in type)
  - Latch (Latched when voltage is applied to latch terminals)  
 If latch input is applied during counting, a counted value during input rise is displayed without any modifications. However, since counting continues, the present counted value is displayed when latch input is released.  
 Contact; Latched when contact is closed (Used built-in external power supply)  
 Voltage; "L" Latched rise to "H"  
 "L": 0 to 2V DC  
 "H": 4.5 to 30V DC  
 Response time; less than 0.1ms  
 Input resistance 6kΩ
- Built-in External Power:** External power supply for sensor  
 DC+12V, 50mA (at 100/200 VAC)  
 Ripple; Less than 5%
- Display:** LED 14.2 mm
- Operating Temperature:** 0~50°C, 35 to 85%RH
- Power Supply:** AC90~132V  
 AC180~264V
- Power Consumption:** Approx. 3.5 VA (100/200V, External power of 50mA)  
 Ripple; less than 5%
- Dimensions:** 48(H) × 96(W) × 95(D)mm DIN Size  
**Weight (Unit only):** Approx. 350g

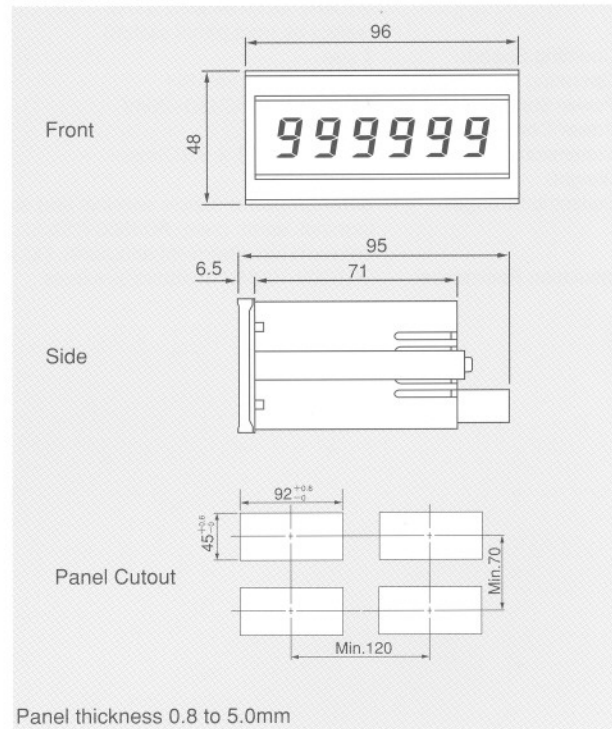
### ■ Features

- Back-up battery (option)
- Leading zero suppression
- Latch terminals
- Can provide power supply for sensor
- Bright LED 14.2mm (Red)
- Excitation power Supply

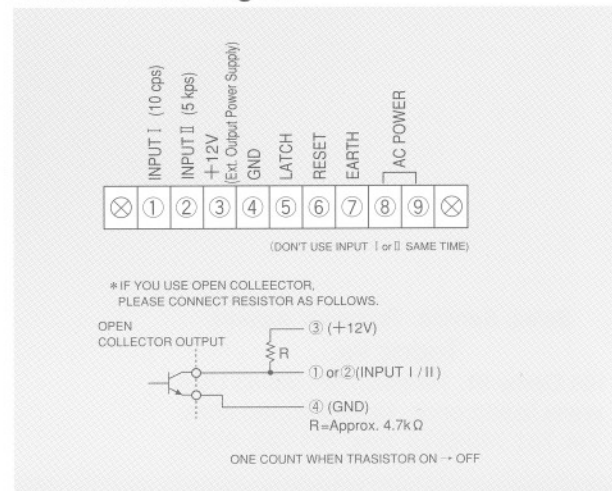
### ■ Ordering Code



### ■ Dimensions



### ■ Connection Diagram



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Counter Tachometer