

7110DIN Counter

8 digit LCD self powered totalising counters with reset in 24 x 48 DIN standard case



The 7110DIN is an ideal replacement for electro-mechanical counters where external power is not readily available. It can be used for position, length, rotation and distance measuring applications as well as event counting. Powered by their own integral lithium batteries these totalising counters have a front panel reset pushbutton which can be enabled or disabled by a wiring connection or external contact closure. External connections are made by a standard plug-on connector with colour coded 24cm flying leads (supplied).

Key Features

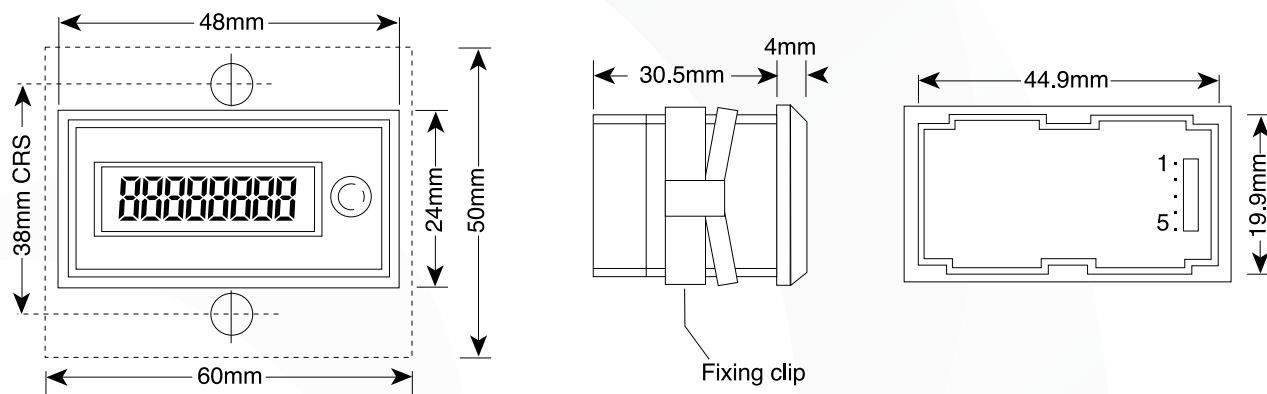
- Self-powered internal lithium battery
- 8 digit black LCD, 7mm characters with leading zero blanking
- Display range 0-9999999
- Use of the latest CMOS circuitry achieves an expected battery life of 10 years.
- 7mm black character high contrast LCD display.
- Counting up to 10kHz.
- Contact closure/open collector low speed count input with integral de-bounce circuitry.
- Choice of mounting available, front panel with supplied bezel or rear mounting clip.
- Front panel can be sealed to IP65.
- UL and cUL approved.

Technical Specification

Supply Voltage	Internal lithium battery, expected life > 5 Years
Display	8 digit black LCD, 7mm characters with leading zero blanking
Count Range	0-99999999 rollover to 0
Manual Reset Enable (PIN 2)	Link to COMMON (PIN 1) to enable front panel reset pushbutton
External Reset (PIN 3)	Contact closure/open collector, negative edge triggered, 0.7V threshold, 15mS minimum closure time
Low Speed Count Input (PIN 4)	Contact closure/open collector with integral de-bounce circuitry. 30Hz maximum, negative edge triggered, 0.7V threshold, 15mS minimum closure time
High Speed Count Input (PIN 5)	Electronic input 10kHz maximum, negative edge triggered, 0.7V threshold 50μS minimum pulse length, TTL/CMOS Compatible
Operating Temperature	-10°C to +60°C
Storage Temperature	-20°C to +60°C
Environmental Protection	IP65/NEMA4 using gasket supplied
Mounting	Either with clip mount supplied or two front screws with bezel supplied

WARNING: THIS PRODUCT CONTAINS A LITHIUM BATTERY AND MUST NOT BE CUT OPEN, DISPOSED OF IN A FIRE OR EXPOSED TO TEMPERATURES OUTSIDE THE RANGE -20°C TO +60°C.

Dimensions



Part Numbers

7110DIN Uni-directional, count up