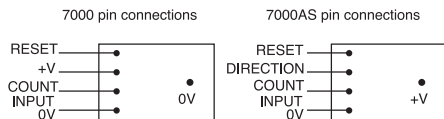
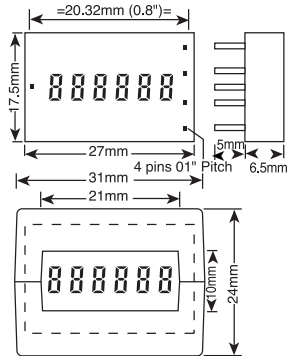


Electronic Counters

Type 7000



Miniature, 6 digit LCD PCB mount totalising counter designed for minimal power requirement

These miniature 6 digit totalising counters are suitable for either direct PCB mounting, or panel mounting with bezel supplied.

- Uses the latest CMOS circuitry to achieve quiescent current consumption of less than 5µA
- 6mm black character high contrast LCD display
- Counts pulses up to 10kHz frequency
- External reset input

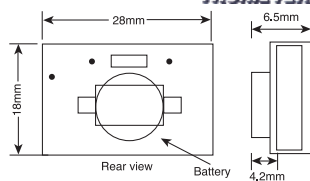
- Typical application:
- Event counting
- Position, length and distance measuring applications
- Direct PCB mounting where limited space is available
- Low power battery applications
- Portable equipment

Specifications	7000
Display	6 digit black LCD, 6mm characters
Count Range	999999 display rollover to 0
Count Input	10kHz max., negative edge triggered, 0.7V threshold
Reset	external
Supply Voltage	2.6 - 3.4VDC @ 10µAmax
Current Consumption	5µA quiescent, 10µA at 10kHz
Front Panel Size	31mm x 24mm
Panel Cut-out	29,4mm x 22mm

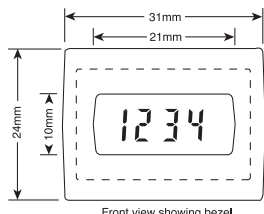
Part No.	Ord. No.
S 7000	67351

Type 7010 and 7016

7010



7016



self powered

Miniature, low cost 4 digit and 6 digit LCD self-powered totalising counters

The 7010 and 7016 are two counters based on the same miniature self powered totaliser. Both counters come ready for fitting and feature flying leads for connection to remote contact closure input devices.

- Self powered for 4 - 5 years using a single standard 1.5V button cell
- 4/6 digit 6mm character high contrast LCD display
- Simple to install
- Integral de-bounce circuitry

Typical Application:

- Applications where no power is available
- Event counting
- Portable equipment
- Suitable for either direct PCB mounting, or panel mounting with bezel supplied
- Drums optics, Luggage lockers



Specifications	7010/7016
Display	4/6 digit LCD, 6mm characters
Count Range	9999 display rollover to 0000
Count Input	12Hz, positive edge triggered 0,7V treshold Max
Reset	external
Power Supply	1,5V - button cell -type 386/SR43
Front Panel Size	31mm x 24mm
Panel Cut-out	29,4mm x 22mm

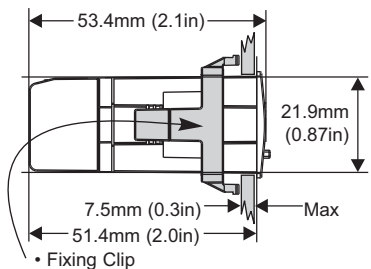
Part No.	Ord.No.
S 7010 (4-digit)	67352
S 7016 (6-digit)	67353

Type 7111 and 7111HV

7111



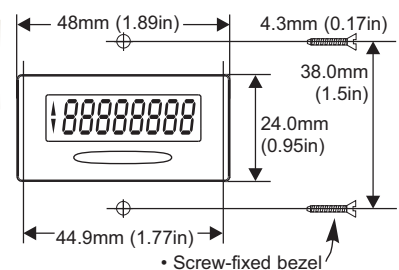
10 years battery life



7111 HV



count input up to 240V



8 digit self powered electronic LCD counter

The new 7111 series counter is feature packed and with a price performance ratio unrivalled, suitable for thousands of applications.

- Use of the latest CMOS circuitry achieves an expected battery life of 10 years
- Connection using built in screw terminals
- 9mm black high contrast LCD display
- Counting up to 10kHz (7111)
- Contact closure/open collector low speed count input with integral de-bounce circuitry
- 7111HV permits triggering from any voltage between 10-240VAC or 5-110VDC ±10%
- Choice of mounting available, front panel with supplied bezel or rear mounting clip
- Front panel can be sealed to IP65

Typical Applications:

- Replacement for electro-mechanical counters
- Applications where external power is not readily available.
- Position, length, rotation and distance measuring applications
- Event counting
- Installation is simplified - all models have screw connections on rear for quick and simple connection

Specifications	7111	7111HV
Display	8 digit LCD, 9mm characters	
Count Range	999999 display rollover to 0	
Count Input	10kHz, NPN 18VDC, max. negative edge triggered. 0,7V	10kHz, 10 to 240VAC or 10 to 110VDC, positive edge triggered
Reset	front panel or external	
Reset Input	TTL/CMOS compatible	
Backlight	5 VDC is required	
Front panel size	48mm x 25mm	
Panel Cut-out	45mm x 22,5mm	

Part No.	Ord.No.
S 7111	67354
S 7111HV	67355