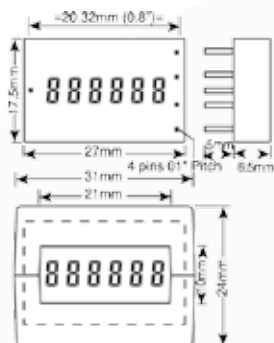




7000 / 7000AS Series

6 digit LCD electronic totalising counter

Miniature, 6 digit LCD PCB mounted 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.



Features

- Uses the latest CMOS circuitry to achieve quiescent current consumption of less than 10uA quiescent
- 6mm black character high contrast LCD display
- Bi-directional counting (7000AS model)
- Counts pulses up to 10kHz frequency
- External reset input
- CE, UL and cUL approved



The 7000/7000AS can also be configured to count electro-mechanical contact closure events using an external resistor and capacitor to eliminate contact bounce. Similarly the supply voltage can be increased using an external resistor and 3V zener diode. See instruction leaflet for details.

Specification

Supply Voltage	2.6 - 3.4VDC
Current Consumption	10µA quiescent, 20µA at 10kHz
Display	6 digit black LCD, 6mm characters with leading zero blanking
Count Range	999999 display rollover to 0
Count Input	10kHz maximum, negative edge triggered, 0.7V threshold, 50µS minimum pulse length, TTL/CMOS Compatible
Reset Input	Negative edge triggered, 0.7V threshold, 15mS minimum pulse length, TTL/CMOS Compatible
Direction Input (AS model only)	Add=logic 1, Subtract=logic 0 (0V)
Operating Temp	-10°C to +60°C [14°F to 140°F]
Storage Temp	-10°C to +60°C [14°F to 140°F]
Material	Clear polycarbonate. Supplied with black ABS panel mount bezel
Environmental Protection	IP40/DIN40050
Weight	7.5g [0.3oz.]

Ordering Information

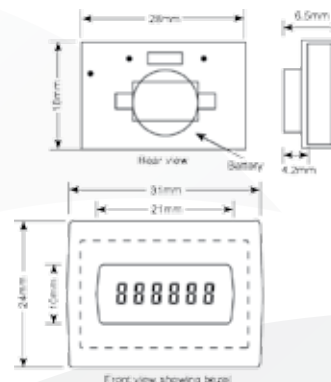
- 7000 - 6 Digit LCD Totalising Counter
- 7000AS - Bi-directional, Add/Subtract version of above



7016

6 digit LCD electronic totalising counter

The 7016 comes ready for fitment & features flying leads for connection to remote contact closure input devices.



Features

- Self powered for 3-4 years using a 1.5V button cell
- 6 digit 6mm character high contrast LCD display
- Low power CMOS circuitry to achieve an expected battery life of 3 to 4 years at 20°C
- Simple to install
- Integral de-bounce circuitry
- CE, UL and cUL approved



The counter increments when contacts are opened. They may be panel mounted with the supplied bezel.

Specification

Supply Voltage	1.5V button cell type 386 or SR43 (supplied)
Expected Battery Life	3 - 4 years at 20°C
Display	6 digit LCD, 6mm characters
Count Range	999999 display rollover to 000000
Count Input	High speed - 12Hz. Low speed - 0.2Hz, contact closure. Operates on contact opening
Reset	Reset to zero on insertion of battery and external reset input
Operating Temp	0°C to +50°C [32°F to 122°F]
Storage Temp	-10°C to +60°C [14°F to 140°F]
Material	Clear polycarbonate, black ABS bezel for panel mounting
Environmental Protection	IP40/DIN40050
Weight	7.5g [0.3oz.]

Ordering Information

7016 - 6 digit LCD Self powered counter