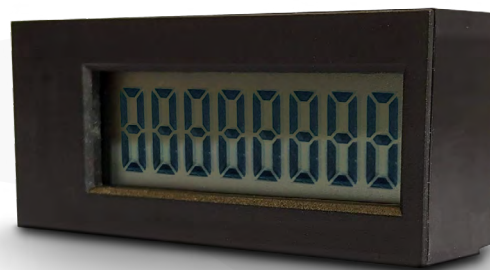


7400AS and 7401AS

Electronic LCD Totalizers



7400AS



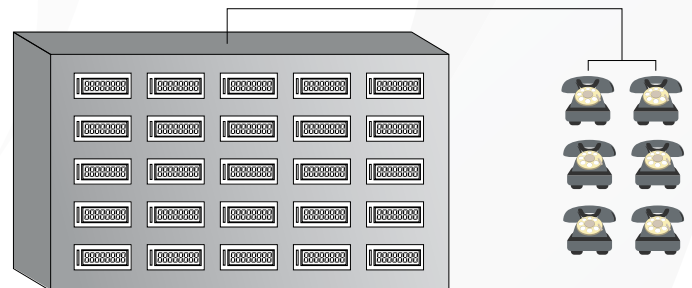
7401AS

The 7400 Series is an 8 digit LCD bi-directional totalizing counter for PCB mounting available with or without front panel pushbutton reset. It uses the latest CMOS circuitry to achieve an expected battery life of 10 years and has a low speed contact closure input with integral de-bounce circuitry. This low power, electronic totaliser is ideally suited to portable, battery powered applications, position, length and distance measuring applications, event counting and OEM Equipment eg electricity meters.

Key Features

- 8 digit high contrast LCD characters.
- CMOS circuitry achieves an expected battery life of 10 years (1/2 AA 900mAH 3V lithium battery).
- Remote reset facility.
- Leading zero blanking.
- Add/subtract counting of pulses up to 10kHz.
- Low speed contact closure input with integral de-bounce circuitry.
- UL and cUL/CSA approved.

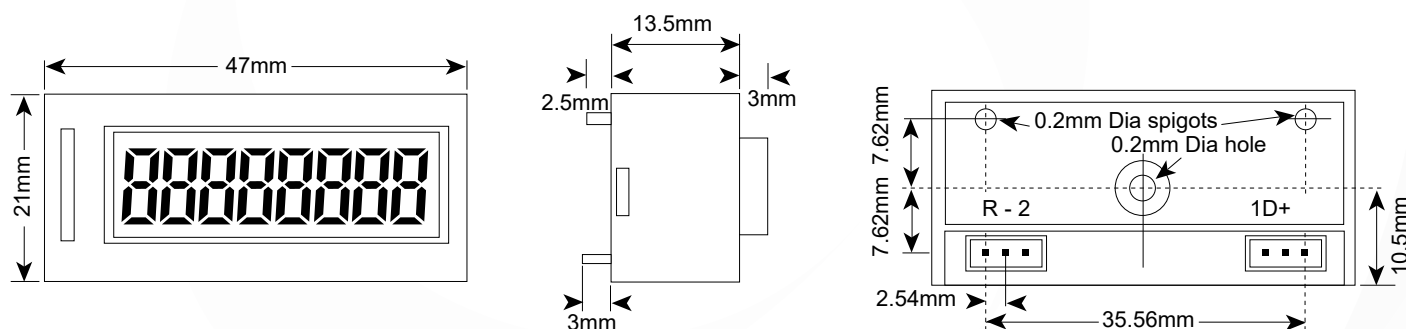
Typical Applications



Dimensions

Supply Voltage	2.6 - 3.4VDC
Current Consumption	Less than 10 μ A, typically 5 μ A
Reset	Remote, manual & non-reset. Manual reset enable is available on some models
Display	8 digit, 8mm high contrast LCD characters with leading zero blanking
Electronic Count Input (1)	10kHz maximum, positive edge triggered, 0.7V threshold, 100 μ S minimum pulse length, TTL/CMOS Compatible
Low Speed Count Input (2)	Contact closure/open collector input, 30Hz maximum, negative edge triggered, 0.7V threshold, 25mS minimum pulse length
Reset Input (R)	Contact closure/open collector, negative edge triggered, 0.7V threshold, 15mS minimum pulse length
Direction Input (D)	Electronic input TTL/CMOS Compatible. Add=logic 1, Subtract=logic 0(0V)
Operating Temp.	-10°C to +60°C
Storage Temp.	-20°C to +70°C

Product Dimensions



Part Numbers

7400AS	8 digit LCD bi-directional totalising counters for PCB mounting, with front panel pushbutton reset
7401AS	8 digit LCD bi-directional totalising counters for PCB mounting

