

8 digit LCD bi-directional totalising counters for PCB mounting, with and without front panel reset pushbutton



7400AS/7401AS

UL E 135458 LR 96702

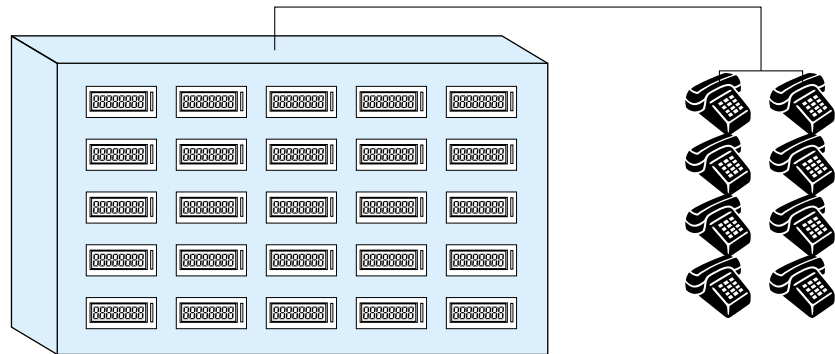
These PCB mount bi-directional totalising counters operate from an external 3VDC supply. Both have an electrical reset and the 7400 also has a front panel push button reset.

- 8 digit high contrast LCD characters.
- Latest CMOS circuitry achieves an expected battery life of 10 years (½ AA 900mAH 3V lithium battery).
- Available with or without reset.
- 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.

Inputs are provided for count, direction and external reset.

Typical Application

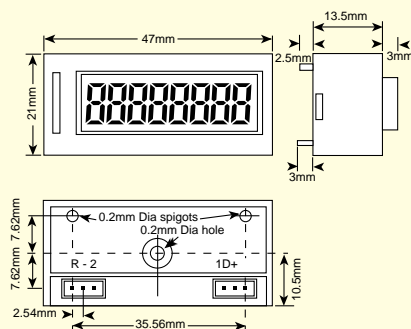
- *Ideally suited to portable, battery powered applications
- *Event counting
- *Position, length and distance measuring applications
- *OEM Equipment eg electricity meters



Telephone Metering

Dimensions

47mm(W) x 21mm(W) x 13.5mm(D)



Specification

Supply Voltage
2.6 - 3.4VDC

Current Consumption
Less than 10µA, typically 5µA

Display
8 digit, 8mm high contrast LCD characters with leading zero blanking

Electronic Count Input (1)
10kHz maximum, positive edge triggered, 0.7V threshold, 100µS 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

Ordering Information

7400AS With pushbutton reset
7401AS No pushbutton reset