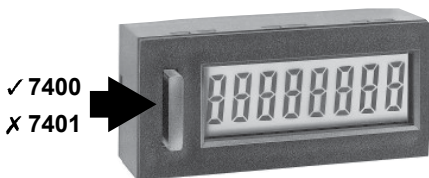




trumeter

innovation by design



7400AS 7401AS



**8 digit Low Power Bi-directional
Totalising Counters**

English
Page 2

**8-Stelliger Bi-Direktionaler Summen-
zähler mit niedrigem Stromverbrauch**

Deutsch
Seite 3

**Compteur Totalisateur Bidirectionnel à
8 Chiffres, Faible Consommation**

Français
Page 4

**Contador Totalizador Bidireccional,
de 8 dígitos de bajo consumo**

Español
Página 5

**Contatore Totalizzatore ad 8 Cifre
Bidirezionale, a basso consumo**

Italiano
Pagina 6

Higher Voltage Power Supply,
Anschluß an Versorgungsspannung >3.4V,
Tension d'alimentation DC plus élevée,
Alimentación con tensiones superiores a los 3.4V CC,
Alimentazione in corrente continua a più alta tensione
Dimensions, Abmessungen, Dimensiones, Dimensioni

Page 7,8
Seite 7,8
Pagina 7,8

Specification

Supply

2.6 - 3.4VDC

Current consumption

<10 μ A, 5 μ A typical.

Reset Button

The 7400 has a Reset Button.

The 7401 is non-resettable.

Display

8 digit black LCD, 8mm characters

Count Range

99999999 - rollover to 0

Operating temperature

-10°C to +60°C

Storage temperature

-20°C to +60°C

Altitude

Up to 2000m

Relative Humidity

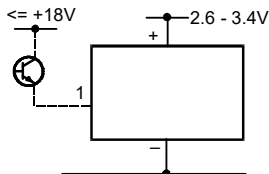
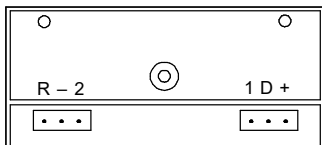
80% max up to 31°C, decreasing to 50% max at 40°C

Note:

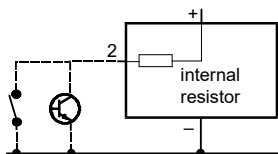
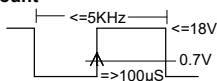
This product is ideally suited to battery powered applications. Should the product be used in a circuit where an external power source is used, then the complete system will require separate approval to meet the CE standards.

Connections

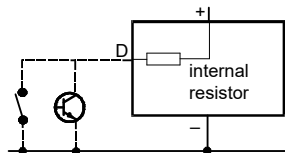
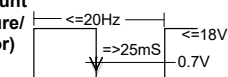
This product can be powered from a higher voltage DC supply using the external voltage control circuit shown on page 7.



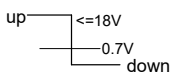
High Speed Count (TTL/CMOS)



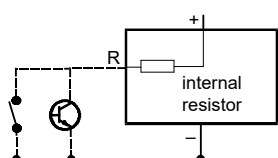
Low Speed Count (Contact Closure/Open Collector)



Direction (TTL/CMOS)



2



External Reset (Contact Closure/Open Collector)

