



TRUMETER founded in 1937 in Manchester/ UK, is a global designer, manufacturer and distributor of sophisticated distance and length measurement instruments, electronic counters, panel meters, automotive lighting systems and LED lighting applications.

CZ TRUMETER byl založen v roce 1937 v Manchesteru / Velká Británie, je globální designér, výrobce a distributor měřicích přístrojů pro měření vzdálenosti a nástrojů pro měření délky, elektronických čítačů, panelových měřicích přístrojů, automobilových osvětlovacích systémů a aplikací LED osvětlení.

DE TRUMETER, gegründet im Jahr 1934 in Manchester/UK, ist ein globaler Designer, Hersteller und Distributor von hoch entwickelten Instrumenten zur Entfernungs- und Längenmessung, elektronischen Zählern, Panel-Messgeräten, Automobil-Beleuchtungssystemen und LED-Beleuchtungsanwendungen.

HU A TRUMETER céget 1937-ben, az angliai Manchesterben alapították. A cég kifizető távolság- és hossz-mérő műszerek, elektronikus számlálók, panelműszerek, gépjármű világítási rendszerek és LED világítási megoldások globális tervezője, gyártója és forgalmazója.

PL TRUMETER założony w roku 1937 w Manchester/ UK, jest całościowym projektantem, producentem i dystrybutorem zaawansowanych urządzeń do pomiarów odległości i długości, liczników elektronicznych, panelowych przyrządów mierniczych, systemów oświetleniowych dla branży samochodowej oraz aplikacji oświetlenia LED.

RO Societatea TRUMETER înființată în 1937 în Manchester/ UK, este un proiectant, producător și distribuitor global de instrumente sofisticate de măsurare a distanței și a lungimii, cantare electronice, contoare pentru panouri, sisteme de iluminare pentru automobile și aplicații LED.

SK TRUMETER, založený v r. 1934 v Manchesteri/ UK, je globálnym dizajnérom, výrobcom a distribútorom sofistikovaných prístrojov pre meranie vzdialenosti a dĺžky, elektronických čítačov, panelových meradiel, systémov automobilových svetiel a aplikácií LED osvetlenia.

Trumeter's heritage is founded on three core products, which Trumeter has manufactured and supplied all over the world. The three core products are Distance Measurement, Length Measurement, Electronic Counter and Measurement. Trumeter is acknowledged as a world leader in these markets.

Deriving from Trumeter's considerable experience in the management & measurement of a diverse range of applications, Trumeter is one of the world's leading designers and manufacturers of mechanical and electronic counting and measuring products, featuring low power consumption and miniature design.

Why TRUMETER?

- one of the world leaders in measurement of distance, length, electronic counters and panel meters
- wide portfolio of quality products

Did You Know?

Trumeter designed the world's first fully electronic water jug timer, predicting when the filter should be changed to optimise water quality, initially based upon time, but later with increasing sophistication incorporating water hardness and volume – all this in a tiny module that could run for 7 years on a standard watch battery.

Electronic Totalising Counters

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

7016

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

Counter comes ready for fitting and feature flying leads for connection to remote contact closure input devices.

- Self powered for 3 - 4 years using a single standard 1.5V button cell
- 6 digit 6mm character high contrast LCD display
- Simple to install
- Integral de-bounce circuitry



Self Powered

Typical application:

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

7111 7111 HV

8 digit self powered electronic LCD counter
The 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 high contrast LCD display
- Counting up to 10kHz
- Contact closure/open collector low speed count input with integral de-bounce circuitry
- 7111HV permits triggering from any voltage between 10-240VAC or 10-110VDC ±10%.
- Choice of mounting available, front panel with supplied bezel or rear mounting clip
- Front panel can be sealed to IP65



10 Years Battery Life



Count Input up to 240V

Typical Applications:

- Position, length, rotation and distance measuring applications
- Event counting
- Installation is simplified - all models have screw connections on rear for quick and simple connection

Electronic Totalising Counters (continued)

HED 251

4 Digit panel mount counter.

24 x 48mm 4 digit totalising counter suitable for many OEM applications. Ideal for contact closure and reed switch signal inputs.

- Uses the latest CMOS circuitry to achieve very low quiescent current consumption
- 10mm black character high contrast LCD display
- Counts pulses up to 10Hz frequency
- External reset input
- UL and cUL/CSA approved
- Count Range: 0-9999
- Count Input: Contact closure open collector input. 10Hz max, negative edge triggered, 0.7V threshold 1.8V max, 25mS min pulse width
- Reset Input: Negative edge triggered, 0.7V threshold, 15mS minimum pulse length, TTL/CMOS Compatible



HED 261

8 Digit panel mount counter

24 X 48mm 8 digit totalising counter suitable for many OEM applications. Ideal for contact closure and reed switch signal inputs. panel mounted or PCB mounted and with high speed input 10kHz or a slow speed debounced input 30Hz.

- Uses the latest CMOS circuitry to achieve very low quiescent current consumption
- 8mm black character high contrast LCD display
- Counts pulses up to 10kHz frequency
- External reset input
- UL and cUL/CSA approved
- Count Range: 0-99999999
- Count Input: High speed input (pin3) 10kHz max positive edge triggered, 0.7V threshold 18V max, 50uS min pulse width
- Contact closure open collector input (pin2). 30Hz max, negative edge triggered, 0.7V threshold 18V max, 15mS min pulse width
- Reset Input: Negative edge triggered, 0.7V threshold, 15mS minimum pulse length, TTL/CMOS Compatible



7932

6 digit predetermining counter/timer with prescaler and EEPROM data storage in an IP65 DIN case.

This versatile count up or count down predetermining counter/timer with prescaler has a wide range of innovative and attractive features. Designed with imagination and built to the highest standards it offers both counting and timing functions in one unit.

- Simple programming via menu driven display
- High visibility supertwist LCD display can be viewed from any angle
- Backlight programmable ON, OFF or AUTO
- 40 years data retention with no power
- Programmable decimal point up to 3 places
- Operates from 85-265VAC or 10-26VDC
- 12VDC output to drive a sensor (when AC powered)
- Opto-isolated inputs
- Wide range of prescaling
- Output relay contacts rated at 5A
- Output can be set to latch or pulse with programmable pulse duration
- Environmental protection to IP65
- Standard DIN housing



7511 and 7511HV

8 digit self powered LCD electronic timer.

A compact LCD timer designed for many applications, screw terminals ensure fast wiring. Features include backlighting (external 5VDC supply required), 4 timing modes, timing direction indication and 9mm high digits.

- Use of the latest CMOS circuitry achieves an expected battery life of 10 years
- 9mm high contrast LCD display
- Minimum contact closure time 1 second
- 4 timing modes
- Times up or down
- External reset input
- CE, UL and cUL/CSA approved
- IP65 front panel protection
- Standard DIN bezel 48mmx24mm



Time Relays

7956

Digital LCD DIN-rail mountable multi-function time relay.

This versatile time relay has a three digit black on silver LCD readout and two pushbuttons, Program (P) and Reset (R). The display carries a wide range of internationally understood annunciators to indicate all the modes, direction of timing and the status of the output at all times.

- Simple programming via menu driven display.
- 8 timing ranges from 0.2 second to 999 hours.
- 8 timing modes: ON DELay, OFF DELay, One Shot, Single Shot, Repeat Cycle DELay, Repeat Cycle, and Symmetrical repeats.
- 3 digit black on silver LCD display with Internationally understood annunciators for operating modes, time units, low battery, relay output state.
- Self powered with 6 year battery life
- Opto-isolated inputs 12-260VAC or DC.
- SPDT relay contacts rated at 8A..



DPM 951-TG and DPM952-TG

3 1/2 digit LCD digital panel meter.

Panel mount digital meter with a 200mV full scale input. Annunciators for common engineering units and suitable for operation with either 5VDC or 9VDC power.

- Low power consumption
- Green backlight
- 24mm x 48mm bezel, 10 mm character (951TG)
- 36 mm x 72 mm bezel, 14mm character (952TG)
- 5 or 9VDC operation
- 200mV full scale
- Scaleable



In 5V mode each module generates its own -5V supply which enables it to measure signals with the same common zero as the supply. Connections are brought out to enable the module to operate in various modes including single ended, ratio measurement and differential. Different modes are selected by linking PCB solder pads which are provided for the purpose.

Typical application:

- Indication of DC voltage or current in vehicles, boats etc.
- Indication of industrial process parameters such as temperature, humidity, speed etc.