

878X

Electronic Totalisers with Ratemeter



6 digit totalising counters with a 5 digit rate meter

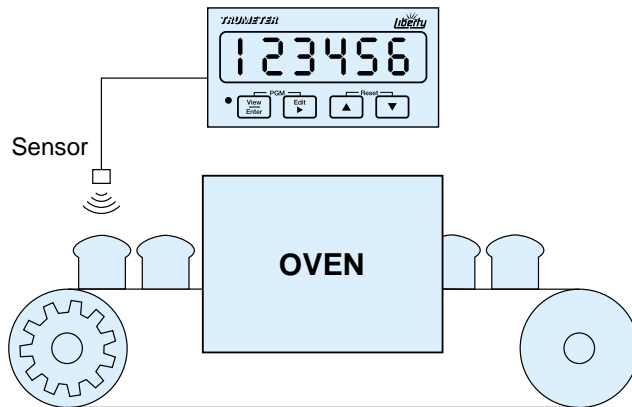


With programmability and flexible options available the 878X is capable of displaying and controlling almost any count application.

- 14.2mm High visibility LED display
- 1/8 DIN (96mmX48mm) bezel
- Batch count (using output relay option)
- Simple user programming
- Display scaleable to show engineering units
- Programme lock out facility
- AC and DC powered models available
- Analogue re transmission option
- RS485 communications option
- CE, UL and cUL approved

Typical Application

- *Label production counting
- *Product manufacturing count and rate indication

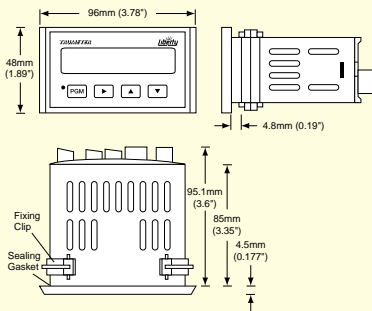


Item Counting

4

Dimensions

Panel cut-out 92 x 45mm +0.4mm-0
(3.62 x 1.22" +0.015")



Specification

Power Supply
 AC Powered 85-265VAC 47-63Hz 20VA
 DC Powered 9-30VDC 12VA
Sensor supply 12VDC +/- 12% 75mA max
Display 14.2 mm High visibility LED Display
Signal Input
 Sink or Source DIP switch selectable
 Thresholds High 3.5 to 28VDC Low 0-1.9VDC for single ended signals Magnetic pick up range 200mV pk-pk to 65VRMS into 34.9 kΩ load
 Slow response 200Hz max
 Fast response 8.25kHz A or B 3KHz A and B QuadX1 and QuadX2 3.25kHz QuadX4 2KHz
Control Inputs Sink only (4.75kΩ to +5VDC) internal load. Thresholds high 3.5 to 28VDC Low 0-1.9VDC
 Response time 25msecs max (5V signal)
Optional Outputs
Analogue retransmission
 4-20mA (<750 Ω load) and 0-10VDC (> 2500 Ω load)
RS485 Serial Communications
 Baud rate 1200,2400,4800,9600 or 19,200 programmable Parity Even, odd or no parity Address 00-99
Data Retention EEPROM 100years duration
Operating Temperature 0-50°C
Storage Temperature -20-70°C
Humidity 0 to 85%RH non condensing

Vibration 2.5 g's 30-200Hz
Shock 30g's
Front Panel Protection IP65 when properly mounted using gasket supplied
Approvals CE, UL and cUL

Ordering Information

Order by type number:

- 878X
- DC powered AC powered
- 8780-0 8781-0 No O/P option
- 8780-2 8781-2 Analogue (4-20mA, 0-10V, 1-5V)
- 8780-4 8781-4 RS485
- 8780-6 8781-6 Analogue (4-20mA & 0 to 10V), RS485