

# meters uk Ltd <sup>TM</sup>

Utility Meter Manufacturers

ELECTRICITY – GAS – HEAT – WATER METERS

## Remote Counter Units

Remotely Displays Utility Meter Readings

### Data Sheet

#### Case

Case -- Heavy Duty Nylon, with Perspex front viewing panel  
Case Size - 124 mm wide 170 mm high 95 mm deep  
Case Weight – 0.9 kg

#### Power Options

230 volts or 24 volts

#### Versions

1 way ( 1 meter) 6 way ( 6 meters)

#### Input Pulse

Minimum 7 mSec (low mode – Volt Free)  
Out put  
Contact Current 1mA – Voltage 24vdc

#### Length of Cable

Maximum length of cable 200 metres in perfect conditions  
(perfect condition being not running near to other power cables)  
Recommended cabling type – Twisted Pair –  
Unshielded (such as) High Conductivity Speaker Cable

<http://www.batt.co.uk/products/view/597/Single-Pair-Unshielded-Cable,-8471,-8205>

**It is strongly recommended that the cable doesn't run next to power cables**

Cabling test with the above cable over 100 metres – voltage drop 0.1 volts  
(27.8 volts out – 27.7 volts in )

#### LCD Display

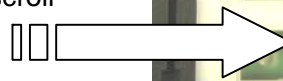
16 Character Display includes spaces  
Visual Diameter 65mm wide 13mm high  
Hitachi Display Driver -- 5 x 7 dots per character  
Character Size 8.5mm High 4.5 Wide  
Characters available = 92 includes low and high case

#### Password

Via Zapper – allows the operators back into the programming software list [www.meters.co.uk/zapper.htm](http://www.meters.co.uk/zapper.htm)

#### Programming

Via two buttons on front of case button 1 = scroll  
button 2 = accept



www.meters.co.uk

meters uk Ltd, Whitegate, White Lund Trading Estate, Lancaster, Lancashire LA3 3BT

Tel: 01524 555929 Fax: 01524 847009

E mail [sales@meters.co.uk](mailto:sales@meters.co.uk)

### ELECTRICITY – GAS – HEAT – WATER METERS

#### Display Options

Programmable as KWh – m3h – Blank  
Maximum Characters 7

#### Data Retention/Memory

Should loss of power occur, programmed data will be retained in memory for 10 years.

#### Temperature Range

Operating Range - 10c to 85c  
Limit range of operation -20c to 90c  
Storage range -25c to 70c  
This complies with IEC 1036 4.3.1

#### EMC Standards & Compliances

Full compliance meeting generic standard EN50091-2 and immunity standard EN50082-2 for industrial environments  
RoHS and WEEE compliant



#### Safety Standard

Complies with EN61010 installation category 11 Pollution degree 2

#### Remote Counter Enclosures

- ✓ Heavy Duty Cabinet
- ✓ High Impact Resistant
- ✓ PMMA Plexiglass To BSEN100
- ✓ Lockable
- ✓ Manufactured to IP67 Rating

Size	H	W	D
External	300	250	170
Internal	270	240	130

Order Code VW302517

