

UM4-20

4-20mA control signal from Utility Meters

- **Physical data**

Case -- Heavy Duty Nylon, with Perspex front viewing panel

Size - 124 mm wide 170 mm high 95 mm deep – Weight 0.7kg

- **Power Options**

230 volts or 24 volts

- **Current Output**

4 – 20 mA Current loop, optically isolated

- **Load Impedance**

470 Ohms at 12 vdc

- **Response Time**

0.1 second

- **Resolution**

0.05%

- **Rating**

250mA maximum 30vdc blocking maximum

- **Power Consumption**

8mAmps

- **LCD Display**

16 Character Display includes spaces

Visual Diameter 65mm wide 13mm high

Display Driver -- 5 x 7 dots per character

Character Size 8.5mm High 4.5 Wide Characters available = 92 includes low and high case

- **CAT Terminals (Caution Alarm Terminals)**

Provides a voltage – 24volts -- for onward control(s) options - programmable

- **Programming**

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

- **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**

Full compliance meeting generic standard EN50091-2 and immunity standard

EN50082-2 for industrial environments

- **Safety Standard**

Complies with EN61010 installation category 11 Pollution degree 2



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