



meters uk

Utility Meter Manufacturers



HCM4 – Energy Calculating Meter For The 'Digital' Age

WIRING

Remove front cover to expose



Terminals

1 = Power In (+) -- Either Mains 230v (110v USA) or 24vac or 24vdc (Recessed position on PCB)

2 = Power In (-) -- Either Mains 230v (110v USA) or 24vac or 24vdc (Recessed position on PCB)

3 = Sensor Flow -- Brown

4 = Sensor Flow -- Green

5 = Sensor Flow -- Blue

6 = Flow Meter 1 (+)

7 = Flow Meter 1 (-)

8 = Pulsed Input1 (+)

9 = Pulsed Input 1 (-)

10* = Analog Supply (Active) + 15v (4 -20 mA)-- HCM4004 Only

11* = Common Signal (4 - 20 mA) -- HCM4004 Only

12* = Analog Supply (Passive) 0 volts -- HCM4004 Only

13 = CAT Terminal + Calculator Alarm Terminal (where fitted) www.hcm4.com/cat.htm

14 = CAT Terminal + Calculator Alarm Terminal (where fitted) www.hcm4.com/cat.htm

15 = Pulsed Output 2 (+) -- HCM4001 Only

16 = Pulsed Output 2 (-) -- HCM4001 Only

17 = Flow Meter 2 (+) -- HCM4002 Only

18 = Flow Meter 2 (-) -- HCM4002 Only

19 = Sensor Return -- Brown

20 = Sensor Return -- Green

21 = Sensor Return -- Blue

4-20mA signals Active -- The most common format (outward signal) use 10 & 11

4-20mA signals Passive -- (Inward signal) use 11 & 12

Terminals are numbered on the wiring block --

A wiring diagram is despatched with each HCM4

It is recommended as good electrical standard to fuse the electrical input with a 3amp fuse -- to conform to IEE standards

Maximum cable diameter useable on terminals 2.5mm

meters uk ltd Whitegate, White Lund Trading Estate, Lancaster,
Lancashire, UK, LA3 3BT Tel 01524 555929 Fax 01524 847009

[website www.meters.co.uk](http://www.meters.co.uk)



www.hcm4.com