


HCM4

Thermal Energy Calculating Meters

- *Calculates The Energy Used In Heating or Cooling Systems*
- *kWh or mWh Readout*
- *'On Site' Programming Facility*
- *Manufactured to ISOEN 1434 – Class 1.0*
- *Suitable For All Billing Applications – Including Renewable Heat Incentive* 
- *Open Collector Pulsed Output – (With grab circuit) – As standard*
- *Prepayment Option*
- *Only Heat Meter – Designed for a 20 year life*



HCM4 – DHAS Sensors - LD Version – Long Distance Sensors (up to 200metres)

Long Distance Sensors are unique to the HCM4 range of products
The ISOEN1434 Standard states that Platinum Resistor Type of Analog used
By all other manufacturers of Heat Meters cannot support accuracy above 5 metres in
length. HCM4 – DHAS Sensors – (Digital High Accuracy Sensors) – because of there
Digital format can support accurate reading up to 200metres in length without any
drop in accuracy.

Can be used in conjunction with any HCM4 product
Order Code HCM4000 to HCM4010

The DHAS provides high accuracy and reliability for temperature measurement of
volume of liquids for both hot and cold water piped systems
Each device has a unique 64 bit serial code stored in an onboard ROM (sensors
cannot be wired incorrectly at installation)

Are required when installation distances of more than the standard 1.5 metres
A maximum distance of 200 metres is possible without loss of accuracy.
The sensors are dispatched complete with all cabling and can be trimmed to suit.
(trimmed cables don't have to be of equal length)
Cabling is suitable for temperatures of up to 120 c.
The outer layer of insulation is hardened to provide maximum protection from cable
'snagging'



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www.hcm4.com

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Digital signaling ensures both high accuracy and ease of installation
DHAS sensors can be used inside pipe pockets or uniquely can be strapped directly onto the pipe work subject to installation instruction adherence.

DHAS - Long Distance Temperature Sensors

Are available as a package – in length's of 5,10,20, 50,100,200 metres

Order Codes

Order Code	Length Of Sensors
40410	1.5metres – Standard Size
40411	5.0 metres
40412	10.0 metres
40413	20.0 metres
40414	50.0 metres
40415	100.0 metres
40416	150.0 metres
40417	200.0 metres - Maximum length



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