



HSMO-DQ

MULTI-OUTPUT ROOM SENSOR

c/w DIGITAL LCD DISPLAY,
TEMPERATURE, HUMIDITY & CO2 SENSORS

The **HSMO** sensor series are aesthetically modern electronic room sensors, incorporating multiple environmental measurement elements producing industry standard individual 0-10vdc outputs. A large clear LCD display allows easy reading of current measured values. This model **HSMO-DQ** incorporates a temperature, humidity sensor & CO2 sensor. Compatible with most stand alone controllers & BMS systems that accept 0-10vdc analog inputs (in reference to power supply neutral), including Hevac's powerful versatile **ENDEAVOUR** temperature controller.

TECHNICAL DATA

Internal Power Supply is half wave rectified allowing the 24vAC Neutral for use as a common reference to both AC & DC circuits. 12-24v DC or AC (note: if 12vdc power supply used maximum sensor & setpoint voltage output will stall at 80% / 8v.)

LCD display 128 x 64 dot matrix

Temperature Output : 0 - 50c ~ 0 - 10vDC Accuracy +/- 0.5c

Humidity Output : 0 - 100% RH ~ 0 - 10vDC Accuracy +/- 3% RH

CO2 Output : (Default =) 0 - 2000ppm ~ 0 - 10vDC Accuracy +/- 40ppm (Can be scaled as a control range ie 700-1000ppm for 0-10v output allowing direct connection & control of EC fans or damper motors for zone CO2 control - without the need of a separate control module).



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