CO2+Temp Sensor 24V Basic 2x0-10V
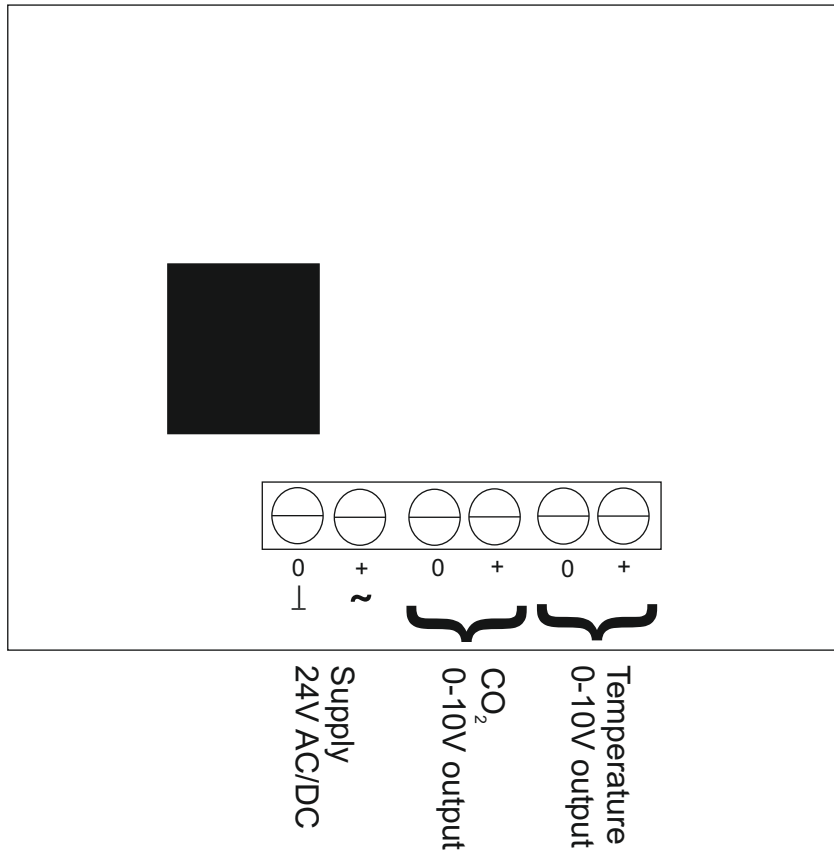
Supply
24V AC/DC

CO$_2$
0-10V output

Temperature
0-10V output

Description:

Sensor measures CO$_2$ and temeperature in a room and transmit a 0-10V signal for respectively CO$_2$ and temperature to a controller.

Output from the sensor is calculated accordingly:
CO$_2$: The voltage varies linearly with the CO level between 0 and 10V corresponding to 0 and 2000ppm. Meaning that 1000ppm gives a voltage output of 5V
Temperature: °C/5 = Volt. Meaning that a temperature of 25°C gives a voltage output of 5V

The CO$_2$ sensor uses the widely used ABC algorithm, which ensures long life without calibration. Only the room cannot be used constantly, but must regularly get sufficient airflow to lower the CO$_2$ to fresh air level.

Adjustment:

No possibility of adjustment.

Mounting:
For wall mounting on stable non vibrating surface. Avoid direct sunlight and mounting so product is exposed to draught and indirect heat (eg. from Television) as it might affect the measurements