

# H6440 CO2 RS232



Model: T6440

Temp, Hum, CO2 sensor/monitor

**Green LED shines - CO2 concentration 0 to 1000 ppm**

**Yellow LED shines - CO2 concentration 1001 to 1200 ppm**

**Red LED shines - CO2 concentration 1201 ppm and more**

**Possibility to [extend the measuring range](#) for an additional charge:**

- Measuring range: 0 to 10 000 ppm
- Accuracy: 100 ppm + 5% of the measured value at 25 °C and 1013 hPa

Table

|                   |   |
|-------------------|---|
| CO2 range         | 0 to 2000ppm                                    |
| CO2 accuracy      | ±(50ppm +2%) at 25°C and 1013hPa                |
| Temp CO2 accuracy | 0 to 10000ppm ±(100ppm +5%) at 25°C and 1013hPa |
| Humidity range    | 0 to 100%                                       |
| Humidity accuracy | ±2.5% RH 5 to 95% at 23°C                       |
| Temp accuracy     | ±0.4°C  |
| Temp range        | 0 to 100°C                                      |
| Temp CO2 accuracy | ±1.5°C (RH>30% T<25°C) / -60 to +80 °C          |
| Temp Hum accuracy | ±1.5g/m3 (T < 25°C) / 0 to 400 g/m3             |
| Temp Hum accuracy | ±2g/kg (T < 35°C) / 0 to 550 g/kg               |
| Temp Hum accuracy | ±2g/kg (T < 35°C) / 0 to 995 g/kg               |
| Temp Hum accuracy | ±3kJ/kg (T < 25°C) / 0 to 995 kJ/kg             |
| CO2 response      | 15s   |
| Temp range        | -30 to +60°C                                    |
| Temp range        | ModBus RTU/Advantech ADAM                       |
| Temp range        | 110 to 115200 Bd                                |
| Temp range        | 0.025mm - 0.05mm                                |
| IP rating         | IP30, IP40                                      |

|    |   |
|----|---|
| □□ | 9-30Vdc, □□□□ 1W                          |
| □□ | 88.5 x 170 x 39.5 mm (W x H x D), □□75 mm |
| □□ | □□175g                                    |
| □□ | 3□  |