

H6420 CO2 RS485 2



Model: H6420

Temp, Hum, CO2 sensor

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

Power supply	50V, 2A, 60VA
Dimensions	100x100x50 mm
CO2 measuring range	0 to 2000ppm
CO2 accuracy	±(50ppm +2% of value) at 25°C and 1013hPa
CO2 measuring range (extended)	0 to 10000ppm ±(100ppm +5% of value) at 25°C and 1013hPa
Humidity range	0 to 100%
Humidity accuracy	±2.5% of value 5 to 95% at 23°C
Temperature range	±0.4°C
Temperature accuracy	±0.1°C
Temperature range (extended)	±1.5°C (RH < 30%) T < 25°C / RH > 30% -60 to +80 °C
Humidity range (extended)	±1.5g/m3 (T < 25°C) / 0 to 400 g/m3
Humidity accuracy (extended)	±2g/kg (T < 35°C) / 0 to 550 g/kg
Humidity accuracy (extended)	±2g/kg (T < 35°C) / 0 to 995 g/kg
Humidity accuracy (extended)	±3kJ/kg (T < 25°C) / 0 to 995 kJ/kg
CO2 response time	15s
Operating temperature	-30 to +60°C
IP protection	0.025mm - IP65
Communication	ModBus RTU / Advantech ADAM

□□□□	110 to 115200 Bd
IP□□□□	IP30□□□□, IP40□□□□
□□	9-30Vdc, □□□□ 1W
□□	136 x 213 x 45 mm (W x H x D), □□75 mm
□□	□□360g
□□	3□