

Temperature, humidity, CO2 transmitter with two relay outputs

code: H6020

Temperature, humidity, CO2 level sensor with two output relays.



[Extended measuring range available 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

Technical data

| | |
|------------------------|--|
| TEMPERATURE SENSOR | |
| Measuring range | -30 to +80 °C |
| Accuracy | ±0.4 °C |
| Resolution | 0.1 °C |
| HUMIDITY SENSOR | |
| Measuring range | 0 to 100 % RH |
| Accuracy | ±2.5 % RH from 5 to 95 % at 23 °C |
| Resolution | 0.1% RH |
| DEW POINT | |
| Measuring range | -60 to +80 °C |
| Accuracy | ±1.5 °C at ambient temperature T <25 °C and RH >30 % |
| Resolution | 0.1 °C |
| CO2 SENSOR | |
| Measuring range | 0 to 5000 ppm |
| Accuracy | ±(50ppm +3% from reading) at 25°C and 1013hPa |
| Resolution | 1 ppm |
| RELAY OUTPUTS | |
| Quantity | 2 |
| Maximal voltage | 50 V |
| Maximal current | 2 A |
| Maximal power | 60 VA |
| GENERAL TECHNICAL DATA | |
| Operating temperature | -30 to +60 °C |

| | |
|------------------|--|
| Channels | internal temperature, humidity and CO ₂ sensor |
| Counted values | dew point, absolute humidity, specific humidity, mixing ratio, specific enthalpy |
| Acoustic alarm | from built-in beeper - switchable |
| Power | 9-30 Vdc |
| Protection class | IP30 electronics; IP40 sensors |
| Dimensions | 136 x 213 x 45 mm; stem length 75mm |
| Weight | approx. 360 g |
| Warranty | 3 years |