

KET-CO2-100



CO2's ModBUS sensor

- High sensitivity
- Integrated temperature sensor
- Suitable for indoor use

KET-CO2-100 is a **CO2 and temperature sensor** suitable to measure the rate of carbon dioxide present in the air of the environments in which it is installed.
Ready for communication via RS485 connection with **ModBUS RTU** protocol compatible bridge/Master ModBUS KET-RMB-211 or to an X-Monitor Gateway.

TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	Protection Range: Operative Temperature: 0 ÷ +50 °C Storage Temperature: -40 ÷ +70 °C Relative Humidity: MAX 95% not condensing
CASE	Dimensions: 82 x 120 x 30 mm (W x H x D) Mounting: Wall mounting Material:
POWER SUPPLY	Supply Voltage: 24 VAC ±20% (50/60 Hz) Consumption: <1W average Connectors types: 1.5 mm ² screw terminals for power input (G+, G0) and outputs (OUT1, OUT2)
RS485 INTERFACE	Supported Protocols: ModBUS RTU Communication Rate: Isolation: Connectors types:
TEMPERATURE SENSOR	Measure Range: -20 ÷ +60 °C Precision: ±1 °C Repeatability: Resolution: 0.1% °C
CO2 SENSOR	Principle of Operation: Non-dispersive infrared (NDIR) waveguide technology Measure Range: 0 ÷ 2000 ppm Accuracy: ±30 ppm +3% of measured value Nominal Pressure: +1.6% reading per kPa deviation from normal pressure, 100 kPa Resolution: 0.1% ppm



APPLICATIONS
Building management system



MAGGIORI CONTENUTI ONLINE

