

New

MultiSensor QMS for accurate measurements

The BELPARTS MultiSensor QMS series is designed for measuring and continuously monitoring CO₂, air temperature, relative humidity and volatile organic compounds (VOC) in HVAC applications. For reliable CO₂ measurements, a highly accurate non dispersive infrared sensor (NDIR) is used. In addition, advanced digital sensor technology ensures stable and consistent temperature and humidity detection.



Technical specifications

CO ₂ measuring range	0 – 5.000 ppm
Temperature measuring range	-10 – 50 °C
Relative humidity measuring range RH%	0 – 95 % RH (non condensing)
Analog outputs	1 – 10 V ± 150 mV. DC < 5 mA
Power supply	19 – 26 V DC. 24 V AC ± 10 %
Current consumption	38 mA (24 V DC), 61 mA (24 V AC)
Cable connection	Removable spring terminals, 0,2 – 1,5 mm ²
Enclosure protection rating	IP65 (sensor probe IP20)
Mounting	Vertical or horizontal

- ✓ Maintenance free
- ✓ Self calibration and self diagnostics
- ✓ Loss free cover with 8 position alignment
- ✓ 3 fully configurable analog outputs (voltage)
- ✓ Fast wiring via screw cover and removable spring terminals without tools

Is this the right solution for your project?

Feel free to contact us.
Our experts will help you
make the right choice.

