

# Series ES 899 - 999

A Good indoor air quality is essential for performance, comfort and working environment. This is especially the case in buildings where many people are present in a limited area, e.g. schools, offices, lecture halls and shopping malls. Correct temperature and CO2 levels will improve the air quality considerably and also compensate for the discomfort experienced in very tight buildings.

CO2 sensors from Imexel are equipped with an integrated thermometer and regulator. Consequently it can be used as an independent control unit for ventilation plants. The sensor can also serve as sensor in more complicated plants.

### Specifications

Supply:	24VDC +/-10% 3VA - 24VAC +/-10% 6,4VA
Control type:	0-10V
Measure range 1 Co2:	0 - 2000ppm
Measure range 2 °C:	0 - 50°C
Ambient temperature	10 ... 50°C
Output:	0-10V 15mA
Bus type:	MODBUS RTU 19200 Baud (according model)
Connection:	Terminal block
Enclosure:	IP32



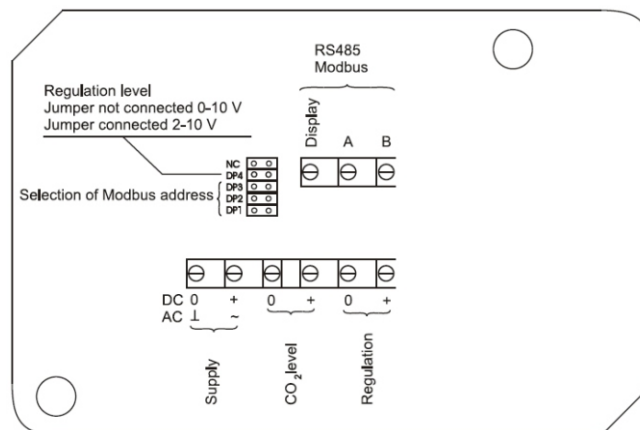
### Advantages

Special for ventilation systems. Discrete design makes the sensors suitable for homes, schools and offices. High quality and low price. Maintenance free. Easy mounting and installation

### CE Norms

These Co2 sensors comply with following mentioned European norms:  
 Low voltage directive DIN EN 60730-1  
 RoHS directive 2002/95/EC; each depending on technical specification.

### Wiring diagram



MODEL	TYPE	MODBUS	TEMP. RANGE °C	CO2 RANGE ppm	DIMENSIONS (mm)
ES 899	48304	NO	0 - 50	0 - 2000	85 x 85 x 35
ES 899-M	48305	RTU 19200 Baud			
ES 999	48330	NO			