

COMBINED CO/NO₂-DETECTOR I2660-CO+NO₂

The combined Gas detector is designed for the detection of Carbon Monoxide CO and Nitrogen Dioxide NO₂ and will be mainly used in underground car parks. The Gas detector provides analogue (4-20mA and 0-10VDC) and digital (Modbus RTU) output signals. The supply of the gas detector is 24VDC or 230VAC with the optional available power supply. The light grey ABS plastic enclosure is IP 65 protected and the internal sensor can be easily replaced when its life time is over.



SPECIFICATIONS ELECTRONICS

SUPPLY: 11...30 VDC | **POWER CONSUMPTION:** max. 60 mA | **WIRING ANALOGUE/DIGITAL:** 3×0,75 mm², shielded, 2×2×0,75 mm², shielded | **SIGNAL-OUTPUT ANALOGUE/DIGITAL:** 2×4...20 mA, 2×0-10VDC, Modbus RTU | **WEIGHT:** 500 gr | **CERTIFICATES:** CE

SPECIFICATIONS CO+NO₂-SENSOR

MEASURING PRINCIPLE: Electrochemical | **MEASURING RANGE:** 0...300 ppm CO/ 0...10 ppm NO₂
ACCURACY: +/- 3 % of measuring range | **RESPONSE TIME:** t 90: < 60 sec | **OPERATION TEMPERATURE:** -20 °C ...+50 °C | **HUMIDITY:** 14...90 % (non condensing) | **SIGNAL DRIFT:** < 1% Signal/Month
APPROX. LIFETIME AT 20°C: > CO-measuring cell approx. 6 – 8 years; NO₂-measuring cell approx. 3 – 4 years depending on application | **CALIBRATION:** It is necessary to recalibrate the gas detector at least once a year.

DIMENSIONS AND ELECTRONICS

