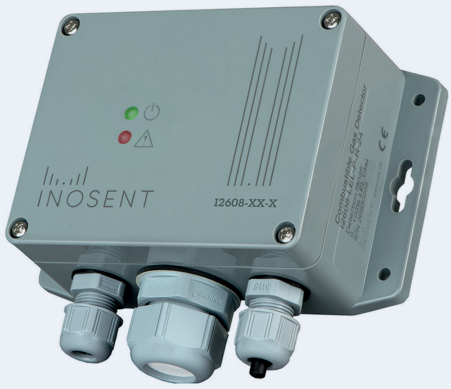
INOSENT
GAS DETECTION

IP65

ETHLYENE OXIDE-DETECTOR I2608-ETO-E

The Gas detector is designed for the detection of Ethylene Oxide ETO and provides 2 internal relay outputs for ventilation control and alarm, a 85dB Alarm buzzer and an LED alarm indicator. The Gas detector provides analogue (4-20mA and 0-10VDC) and digital (Modbus RTU) output signals. The supply of the gas detector is 24 VDC or 230VAC. The light grey ABS plastic enclosure is IP 65 protected and the internal sensor can be easily replaced when its life time is over. The Gas detector operates also „standalone", without any gas monitor. The Gas detector is also available with an incorporated dispay, a remote sensor probe, as a duct-mount version or in a neutral IP20 enclosure for Indoor-Installation.



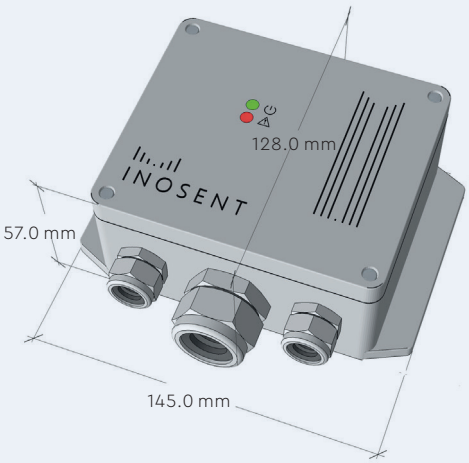
SPECIFCATIONS ELECTRONICS

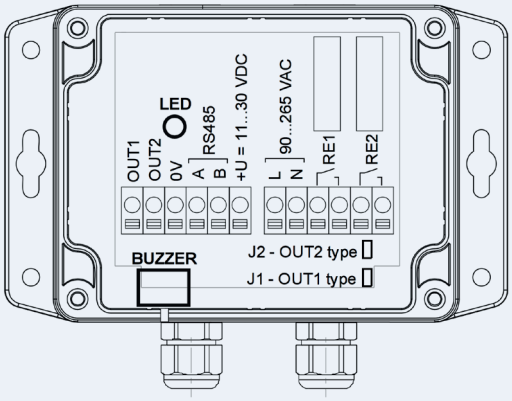
SUPPLY: 11...30 VDC/VAC (optional 90...265 VAC) | **POWER CONSUMPTION:** max. 60 mA | **WIRING ANALOGUE/DIGITAL:** 3×0,75 mm2, shielded, 2×2×0,75 mm2, shielded | **SIGNAL-OUTPUT ANALOGUE/DIGITAL:** 4...20 mA, 0...10VDC, Modbus RTU | **RELAY OUTPUTS:** 2 SPST (250 VAC/ 30 VDC, 5 A max) **WEIGHT:** 500 gr | **CERTIFICATES:** CE

SPECIFCATIONS SENSOR

MEASURING PRINCIPLE: Electrochemical | **MEASURING RANGE:** 0...20/100 ppm **ACCURACY:** +/- 2 % of measuring range | **RESPONSE TIME:** t 90: < 60 sec | **OPERATION TEMPERATURE:** -20 °C ...+50 °C | **HUMIDITY:** 15...90 % (non condensing) | **SIGNAL DRIFT:** < 1 % Signal/Month **APPROX. LIFETIME AT 20°C:** > 2 years, depending on applicaton **CALIBRATION:** It is necessary to recalibrate the gas detector at least once a year.

DIMENSIONS AND ELECTRONICS





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