

IP65



SULPHUR DIOXIDE-DETECTOR I2608-SO2-E

The Gas detector is designed for the detection of Sulphur Dioxide SO₂ and provides 2 internal relay outputs for ventilation control and alarm, a 85 dB 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 230 VAC and can also be operated „stand-alone“ without any gas monitor. The light grey ABS plastic enclosure is IP 65 protected and the internal sensor can be easily replaced when its life time is over. Optionally the Gas detector is also available with an remote sensor, integrated display or in a neutral IP20 enclosure for Indoor-Installation.



SPECIFICATIONS ELECTRONICS

SUPPLY: 11...30 VDC (optional 24VAC or 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, 5A max) | **WEIGHT:** 500 gr | **CERTIFICATES:** CE

SPECIFICATIONS SENSOR

MEASURING PRINCIPLE: Electrochemical | **MEASURING RANGE:** 0...50 ppm
ACCURACY: +/- 2 % of measuring range | **RESPONSE TIME:** t₉₀: < 35 sec | **OPERATION TEMPERATURE:** -30 °C ...+50 °C | **HUMIDITY:** 15...90 % (non condensing) | **SIGNAL DRIFT:** < 2 % 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

