Hydrogen Sulfide
Detector-Transmitter
E2608-H2S

Features
- Wall-mount or duct-mount version
- Industrial housing, attached or remote sensor
- Two analog outputs settable to 4-20 mA or 0-10 V
- Two relays for alarm / ventilation control
- RS485 Modbus RTU digital interface

Specifications

- Calibration: Hydrogen Sulfide H₂S
- Sensing method: electrochemical sensor
- Sampling method: diffusion
- Detection ranges, standard: 0...100 ppm (500 ppm peak) H₂S
- Detection ranges, high: 0...1000 ppm (10 000 ppm peak) H₂S
- Resolution: 0.1 / 1 ppm H₂S
- Accuracy: < 1 ppm H₂S
- Signal update: every 1 second
- Response time: < 30 seconds
- Maintenance interval: 12 months
- Sensor lifetime: > 2 years
- Self-diagnostics: full functionality check at start-up
- Warm-up time: ≤ 1 min
- Power supply: 11...30 VDC or 90...265 VAC
- Power consumption: < 2 W
- Digital interface: RS485, Modbus RTU protocol
- Analog outputs: 2 × 4-20 mA / 0-10 V, user settable
- Output relays: 2 × SPST relays (closing contact), 250 VAC / 30 VDC, 5 A max
- Default alarm set-points: 10 ppm / 20 ppm H₂S
- Enclosure: light grey ABS plastic, wall mount, protection class IP65
- Dimensions: H85 × W82 × D55 mm
- Cable options for remote probe: shielded cable, 2.5 or 5 m
- Operating environment: industrial indoor and outdoor locations
- Operating conditions: -30...+50 °C, 15...90 %RH