



HYDROGEN SULPHIDE TRANSMITTER & SENSOR

LEADER IN GAS DETECTION SINCE 1977

H₂S SENSOR (R65-2424RK)



Features:

- Water/dust resistant housing
- Sensor and Amplifier
- Long life sensors (2+ years typical)
- Competitively priced
- Compact design

Applications:

- Water & wastewater treatment plants
- Pulp & paper mills
- Gas, telephone & electric utilities
- Parking garages
- Manufacturing facilities
- Loading Docks

This Hydrogen Sulphide transmitter is a highly reliable and very cost effective 4-20 mA transmitter for the detection of Hydrogen Sulphide gases. The electronics are protected inside the polycarb enclosure to avoid damage from mechanical abuse, water, dust or corrosion. Sensors for H₂S are long life and typically last 2 - 3 years.

The transmitter operates from 24 VDC (18VDC to 30 VDC), and provides a 4-20 mA signal which. This allows the sensor to be connected directly to the Beacon Controller series. The Hydrogen Sulphide transmitter can be used either indoors or in outdoor areas.

The only tools required to calibrate the low cost H₂S transmitter are a multimeter, screwdriver, and calibration gas. The zero and calibration functions are performed by adjusting the amplifier board. The amplifier board has test jacks for the connection of a ammeter for calibration purposes. The sensor response is viewed on the multimeter as a milliamp signal. Field calibration can be performed easily and quickly by one person.

Specifications:

Sensor Type	Electrochemical	Temperature range	-10°C to 50°C
Measuring range	0 - 100 ppm	Humidity range	0% to 95% non-condensing
Resolution	1ppm	Connections	2 Core, shielded, 1.5 mm
Linearity	± 5% F.S.	Operating Voltage	18 to 30 VDC
Response time	Less than 60 sec to 90% of gas applied	Output	4 – 20mA
Life Expectancy	3 to 5 Years normal service	Maximum Current Draw	24mA (2-wire system)
Dimensions in mm	150 (L) x 64 (H) x 82 (W)	Enclosure	IP66, Polycarb



OIL & GAS CONFINED SPACE HVAC MINING LABORATORIES COUNCILS DEFENCE SHIPPING FUMIGATION

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