

The CMS3324 Hydrogen Sulfide Monitor Adopts Imported First-Tier Brand Electrochemical Hydrogen Sulfide Sensor, Featuring Rapid Response, High Sensitivity, And Strong Anti-Interference Capability. Through Our Company's Proprietary Compensation Algorithm and Multi-Stage Calibration With Standard Gases, It Also Possesses Characteristics of Long Service Life, High Accuracy, High Repeatability, And High Stability. This Product is Widely Used in Scenarios Such as Underground Utility Tunnels, Underground Parking Lots, Garages, Workshops, Chemical Plants, Greenhouse Farms, And Enclosed Living Spaces.



Product Features

- ◆ Adopts Imported First-Tier Brand Electrochemical Sensor, Stable and Durable.
- ◆ Range 0~100ppm, Other Ranges Can Be Customized.
- ◆ High Measurement Accuracy, Up to Within $\pm 10\%$, Repeatability Up to Within 2%.
- ◆ 485 Communication Interface Standard ModBus-RTU Communication Protocol, Address and Baud Rate Configurable, Communication Distance up to 2000 Meters.
- ◆ Optional High-Quality OLED Display For On-Site Value Reading, Clearly Visible at Night.
- ◆ On-Site Power Supply: 10~30V DC, Adaptable to Various On-Site DC Power Sources.
- ◆ Product Uses Wall-Mounted Waterproof Enclosure, Easy to Install, High Protection Rating Suitable For Harsh On-Site Environments.

Product Parameters

Product Model	BFN-CMS3324		
Power Supply	10~30V DC	Stability	$\leq 2\%$ Signal Value/Month
Output Signal	485	H ₂ S Zero Drift	± 5 ppm (-20~40°C)
Power Consumption	0.12W	Repeatability	$\leq 2\%$
Temperature Range	-40°C~+80°C	Service Life	≥ 24 Months
Temperature Accuracy	± 0.5 °C (25°C)	Range	0~100ppm
Humidity Range	0~100%RH	Accuracy	± 2 ppm Or $\pm 10\%$
Humidity Accuracy	$\pm 3\%$ RH (60%RH,25°C)	Resolution	1ppm
Pressure Range	90~110kPa	Response Time	≤ 35 s
Operating Temperature	Temperature -20~50°C Humidity 15~90%RH Non-Condensing	Warm-Up Time	≥ 5 min

* All Above Specifications and Parameters are Measured Under Environmental Conditions: Temperature 20°C, Relative Humidity 50%RH, 1 Atmosphere Pressure, And Target Gas Concentration not Exceeding the Sensor Range.