

BFN-CMS3323 Formaldehyde Online Monitor

The CMS3323 Formaldehyde Monitor Employs an Electrochemical Sensor With the Characteristics of High Measurement Accuracy, Fast Response Speed, Long Service Life, Stability and Reliability. The Device Output Resolution can Reach 0.01Ppm, Enabling Long-Term 24-Hour Online Monitoring. This Product is Widely Used in Scenarios Such as Industrial Production, Laboratories, And Chemical Plants.



Product Features

- ◆ Range 0~5Ppm; Other Ranges Can Be Customized.
- ◆ High Measurement Accuracy, Repeatability 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 Direct On-Site Value Reading, Clear Display Even at Night.
- ◆ On-Site Power Supply: 10~30V Dc Wide Voltage Input, Adaptable to Various Dc Power Sources on Site.
- ◆ Wall-Mounted Waterproof Enclosure For Easy Installation; High Protection Level Suitable For Harsh On-Site Environments.

Product Parameters

Product Model	BFN-CMS3323		
Power Supply	10~30V DC	Pressure Range	91~110kPa
Output Signal	485	Stability	≤7% Signal Value/Year
Power Consumption	0.12W	Response Time	≤35s
Temperature Range	-40°C~+80°C	Warm-Up Time	≥5min
Humidity Range	0~100%RH	Formaldehyde Zero Drift	≤±0.5ppm (-20~40°C)
Formaldehyde Range	0~5ppm	Repeatability	≤2%
Temperature Accuracy	±0.5°C (25°C)	Service Life	≥24 Months
Humidity Accuracy	±3%RH (60%RH,25°C)	Accuracy	Accuracy: ±5%Fs (@1ppm, 25°C, 50%RH)
Operating Temperature	-20~50°C		
Operating Humidity	15~90%Rh No Condensation	Resolution	0.01ppm

* 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.