



Air Sensor

AS-CH4

Methane sensor adopts the explosion-proof ExdIMb explosion-proof sensor. It has strong safety, fast response speed, and strong anti-interference ability. It has passed our unique compensation algorithm and multi-stage standard gas. Calibration also features long life, high precision, high repeatability, and high stability.

Methane Sensor



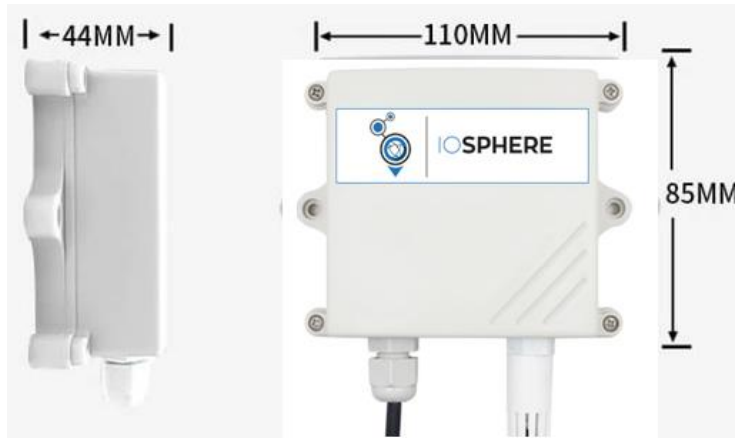
Product Features

1. Methane sensor with explosion-proof ExdIMb explosion-proof rating is stable and durable.
2. Range 0-100% LEL, other ranges can also be customized.
3. High measurement accuracy, up to $\pm 5\%$ FS, repeatability up to $\pm 7\%$.
4. Output signal is RS485, 4-20ma, 0-5V or 0-10V.
5. Optional high-quality OLED display, the value can be directly viewed on the spot, and the night can be displayed.
6. On-site power supply adopts a 10~30V DC wide voltage power supply, which can adapt to various DC power supplies in the field.
7. Ch4 gas sensor adopts a wall-mounted waterproof case, which is easy to install and has a high protection level and can be applied to a harsh environment.



Methane Sensor Datasheet

RS485 OUTPUT		4-20ma, 0-5V, 0-10V OUTPUT	
Power Supply	10~30V DC	Power Supply	10~30V DC
Power consumption	0.9W	Output Signal	4~20mA, 0~5V, 0~10V
Temp&Humidity Measure Range	-40°C~+80°C, 0~100%RH	Power Consumption	0,9W
Temp&Humidity Accuracy	±0.5°C, ±3%RH	Operating temperature	-20~40°C
Operating temperature	-20~40°C	Working Humidity	0~95%RH
Working humidity	0~95%RH	Pressure range	80~116Kpa
Pressure Range	80~116Kpa	Stability(months)	≤7%signal value/year
Stability (months)	≤7% signal value/year	Response time	≤15S
Repeatability	≤2%	Methane Zero Drift	±0,06%
Methane Zero Drift	±0.06%	Service life	≥24 months
Measure Range	0~100%LEL	Measure Range	0~100%LEL
Precision	±5% FS	Precision	±5% FS
Resolution	1%LEL	Resolution	1%LEL
Response Time	≤15S	Repeatability	≤7% signal value/year





Ordering Information

	AS	-	CH4		-		-	
With Modbus RS485						M		
With 0-10V						V		
With 4-20mA						mA		
Without OLED Screen								0