SEM324 Oxygen temperature and humidity transmitter

MAIN FEATURES

- Analog signal output, 4~20mA, 0~5V, 0~10V;
- The wall-mounted waterproof casing is easy to install and has a high waterproof rating;
- Wide measuring range, 0~25%vol, the maximum measured value can reach 30%vol, strong anti-interference ability;
- Highly sensitive gas detection probe, stable signal, accurate measurement of oxygen content, high accuracy;
- Adopt 485 communication mode, standard ModBus-RTU protocol, address and baud rate can be set, the farthest communication distance is 2000 meters.
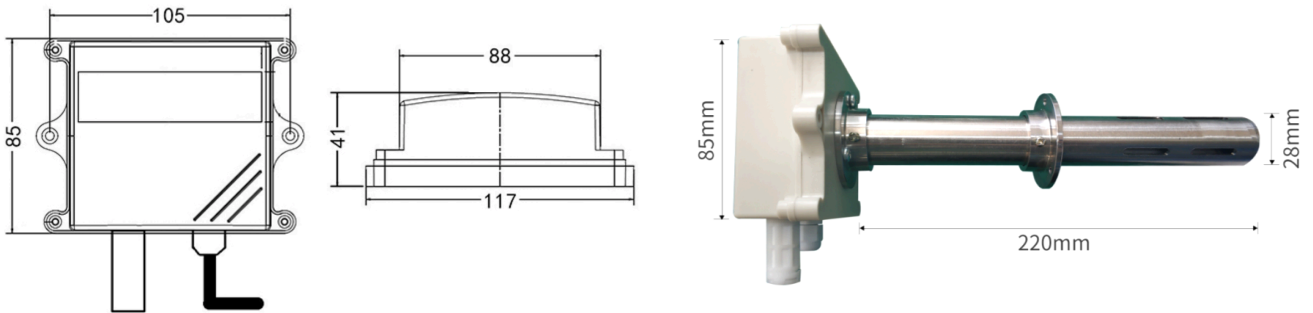
MAIN FEATURES

Oxygen Temperature and Humidity Transmitter Product Overview Oxygen is the most widely distributed in nature, accounting for 48.6% of the crust mass, and is the most abundant element. For the oxidation of hydrocarbons, the treatment of wastewater, rocket propellants, and aviation, aerospace and diving for animals and people to breathe, etc

SPECIFICATION

Power supply	10~30VDC (0~10V type only supply 24VDC)
Output signal	RS485、4~20mA、0~5V、0~10V
Power consumption	RS485: 0.12W, Analog output: 0.25W
Range	Temperature: -40°C~+80°C
	Humidity: 0~100%RH
Accuracy	Temperature: ±0.5°C
	Humidity: ±3%RH
Working environment	-20°C~+50°C, 0%RH~99%RH (No condensation)
Pressure range	Standard atmospheric pressure: ±10%
Stability (month)	<2%
Response time	≤15S
Ammonia zero drift（-20~40°C）	≤0.1%Vol
Repeatability	<2% output value
Working life	≥24 months
Range	0~25%Vol
Accuracy	±10%
Resolution	0.1%Vol

DIMENSION

ORDER CODE

SEM324	Oxygen sensor				
	CODE	Types			
	A	Wall-mounted			
	B	Pipe type			
		CODE	Range		
		1	0~25%Vol		
		2	Others special range		
			CODE	Output	
			1	RS485	
			2	0~2V	
			3	0~5V	
			4	0~10V	
			5	4~20mA	
				CODE	Relay
				0	Without relay control
				1	One relay control
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