

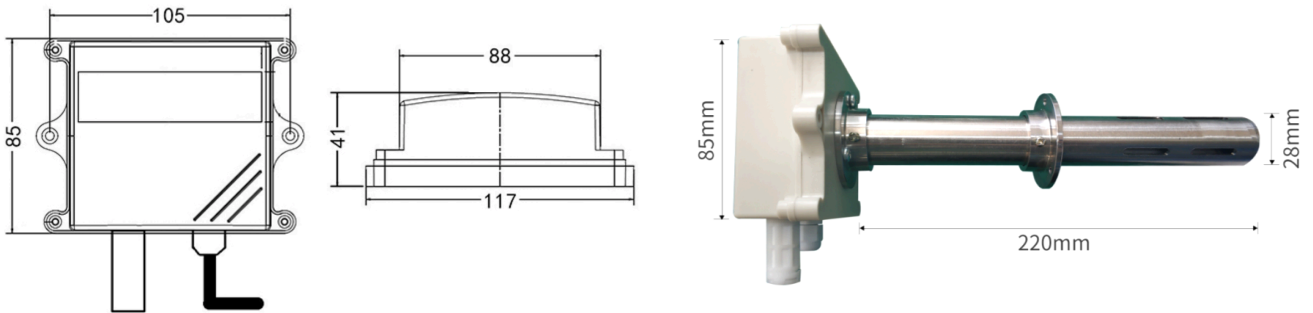
SEM322 Ammonia temperature and humidity transmitter
MAIN FEATURES

- The communication address and baud rate can be set, and the farthest communication distance is 2000 meters;
- A variety of signal output options: 4 ~ 20mA, 0 ~ 5V, 0 ~ 10V, RS485;
- A variety of measurement ranges, 0~50PPM, 0~100PPM, 0~500PPM;
- Wall-mounted waterproof case, easy to install, high level of protection, can adapt to different environmental monitoring;
- The highly sensitive gas detection probe has a stable signal and can accurately measure the NH₃ concentration (PPM) with high accuracy.


SPECIFICATION

Power supply	10~30VDC (0~10V type only supply 24VDC)
Output signal	RS485、4~20mA、0~5V、0~10V
Power consumption	0~50ppm: 0.12W (RS485), 0~50ppm: 0.25W (Analog output)
	0~100ppm: 0.12W (RS485), 0~100ppm: 0.25W (Analog output)
	0~500ppm 0.9W (RS485), 0~500ppm 1W(Analog output)
Range	Temperature: -40°C~+80°C
	Humidity: 0~100%RH
Accuracy	Temperature: ±0.5°C
	Humidity: ±3%RH
Working environment	-20°C~+50°C
	15%RH~90%RH
Pressure range	Standard atmospheric pressure: ±10%
Stability (month)	<10%
Response time	≤150S
Ammonia zero drift (-20~40°C)	-3~10ppm (0~100ppm product)
Repeatability	<10% output value
Working life	≥24 months
	0~50ppm (high accuracy) ±10%FS
	0~100ppm (high accuracy) ±10%FS
Accuracy	0~500ppm±20%FS±10ppm Oxygen content: ≥18%
	0~50ppm: 0.01ppm
	0~100ppm: 1ppm
Resolution	0~100ppm: 1ppm
	0~500ppm: 1ppm

DIMENSION



ORDER CODE

SEM322	Ammonia temperature and humidity transmitter				
	CODE	Types			
	A	Wall-mounted			
	B	Pipe type			
		CODE	Range		
		1	0~50ppm		
		2	0~100ppm		
		3	0~500ppm		
		4	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	
SEM322	A	1	5	0	-