

SEM601 Long Rod Noise Transmitter

MAIN FEATURES

- Adopt high-sensitivity condenser microphone, stable signal and high precision;
- The shell of the equipment is made of 304 stainless steel and is installed with flanges;
- It has the characteristics of wide measurement range, good linearity, convenient use, easy installation, and long transmission distance;
- High range, to meet daily measurement needs, widely used in home, office, workshop, automotive measurement, industrial measurement and other fields.



OVERVIEW

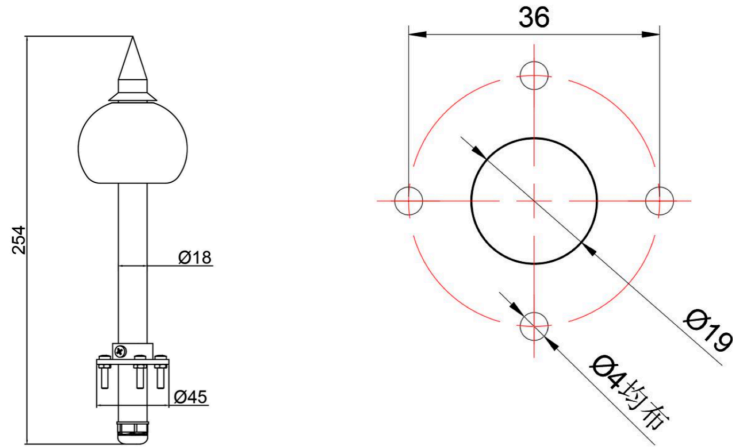
The noise sensor is a high-precision sound measurement instrument with a range of up to 30dB~130dB, which meets the daily measurement needs and is widely used in various fields such as home, office, workshop, automobile measurement, and industrial measurement.

This product adopts high-sensitivity condenser microphone with stable signal and high precision. It has the characteristics of wide measurement range, good linearity, convenient use, easy installation, and long transmission distance.

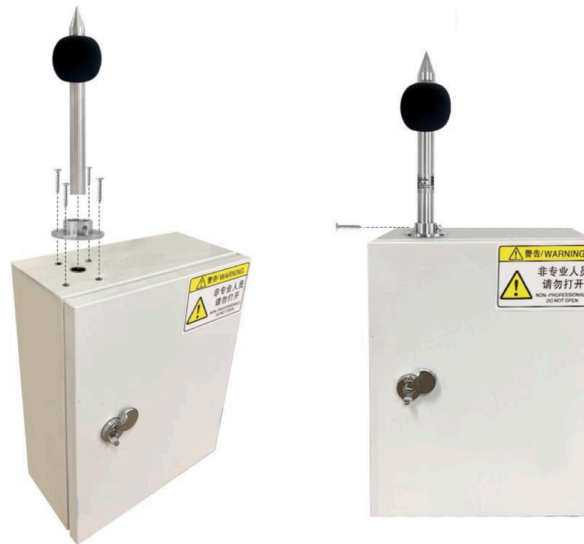
SPECIFICATION

DC power supply (default)	10~30V DC
Power	0.1W (RS485/TTL), 0.15W (current type), 0.18W (voltage type)
Transmitter circuit operating temperature	-20 ° C ~ + 60 ° C, 0% RH ~ 80% RH
Output signal	Rs485,TTL, Current output: 4~20mA, Voltage output: 0~5V/0~10V
TTL	Output voltage: ≤0.7V at low voltage, 3.25~3.35V at high voltage Input voltage: ≤0.7V at low voltage, 3.25~3.35V at high voltage
RS485	ModBus-RTU communication protocol
Resolution	0.1dB
Measuring range	30dB~120dB
Frequency Range	20Hz~12.5kHz
Response time	≤3s
Stability	Less than 2% in use period
Noise accuracy	±0.5 dB (in reference pitch, 94 dB @ 1 kHz)
Load capacity	Voltage output: Output resistance ≤250Ω
	Current output: ≤600Ω

DIMENSION



INSTALLTION



ORDER CODE

Code:	A	-	B	-	C
SEM	601	-	W	-	R

Model	Code A
Noise transmitter	501
Construction	Code B
Long Rod Noise sensor	L
Wangzi shell noise sensor	W

Signal output	Code C
485 output (standard Modbus-RTU)	R
4~20mA current output	S4
0~5V voltage output	S5
0~10V voltage output	S1
TTL	T