

SEM600 Noise sensor
MAIN FEATURES

- High-sensitivity condenser microphone with stable signal and high precision;
- Wide measurement range, good linearity, easy to use, easy to install, and long transmission distance;
- 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.

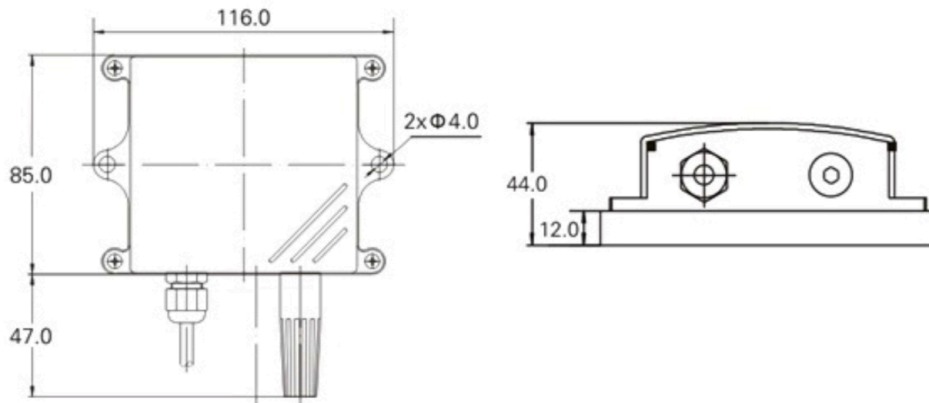
This product adopts high-sensitivity condenser microphone with stable signal and high precision. It has the characteristics of wide measurement range, good linearity, convenient use, easy installation, and long transmission distance.

SPECIFICATION

DC power supply (default)	10~30V DC (0-10V output type recommended DC24V power supply)
Power	0.4W (RS485), 1.2W (analogy type)
Transmitter circuit operating temperature	-20 ° C ~ + 60 ° C, 0% RH ~ 80% RH
Output signal	Rs485, Current output: 4~20mA, Voltage output: 0~5V/0~10V
Communication Interface	485 communication (MODBUS) protocol Baud rate: 2400, 4800 (default), 9600 Data bit length: 8 bits Parity mode: none Stop bit length: 1 bit The default ModBus communication address: 1 Support function code: 03
Parameter settings	Configure via the 485 interface with the supplied configuration software
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

Unit: mm



ORDER CODE

Code:	A	-	B	-	C
SEM	600	-	W	-	R

Model	Code A
Noise transmitter	329
Construction	Code B
Louver box noise	L
Wangzi shell noise	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