

## Product specifications

### 1. Product model:

ISU200-12TRBJ-T1 [View Details](#)

1.1 Structure type: waterproof and airtight products;

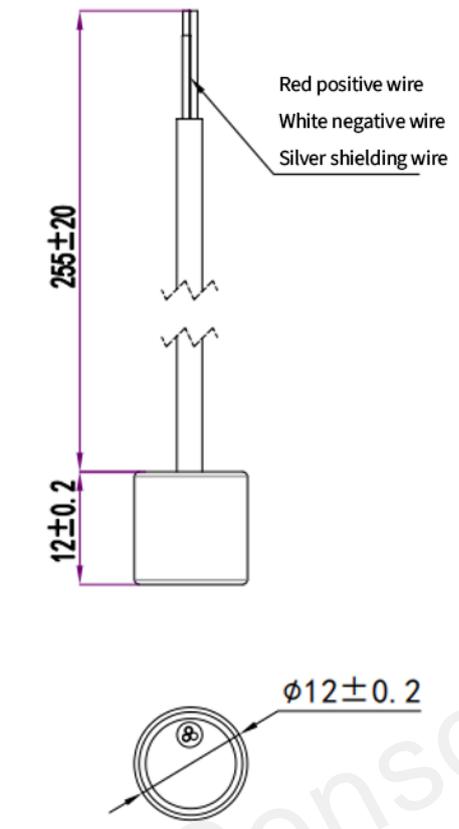
1.2 Usage type: transceiver integrated;

1.3 Scope of application: wind speed and air volume detection; ultrasonic ranging, etc.;

1.4 Product advantages: This product has the advantages of frequency bandwidth, high sensitivity, good signal-to-noise ratio, simple structure, reliable operation and light weight.

### 2、 Dimensions





### 3. Parameter standards:

No.	Inspection items	Test conditions	Test Standards	Note:
1	Center Frequency (KHZ)	Normal temperature 25±3 (°C)	200±10	Frequency scanner
2	Capacitance (PF)	Normal temperature 25±3 (°C)	140±40	Capacitance meter
3	Echo Sensitivity (mv)	The room temperature is 25±3 (°C), and a 200K wind speed test fixture is used	≥600	Motherboard number: KM/K001200001
4	Sensitivity (dB)	Transmitting frequency: (200±10) KHZ 0dB=10V/pa	-81	Reference value
5	Maximum Drive Voltage (Vp-p)	Pulse width 0.8ms with 60ms interval	150	Oscilloscope Reference value

## Specification

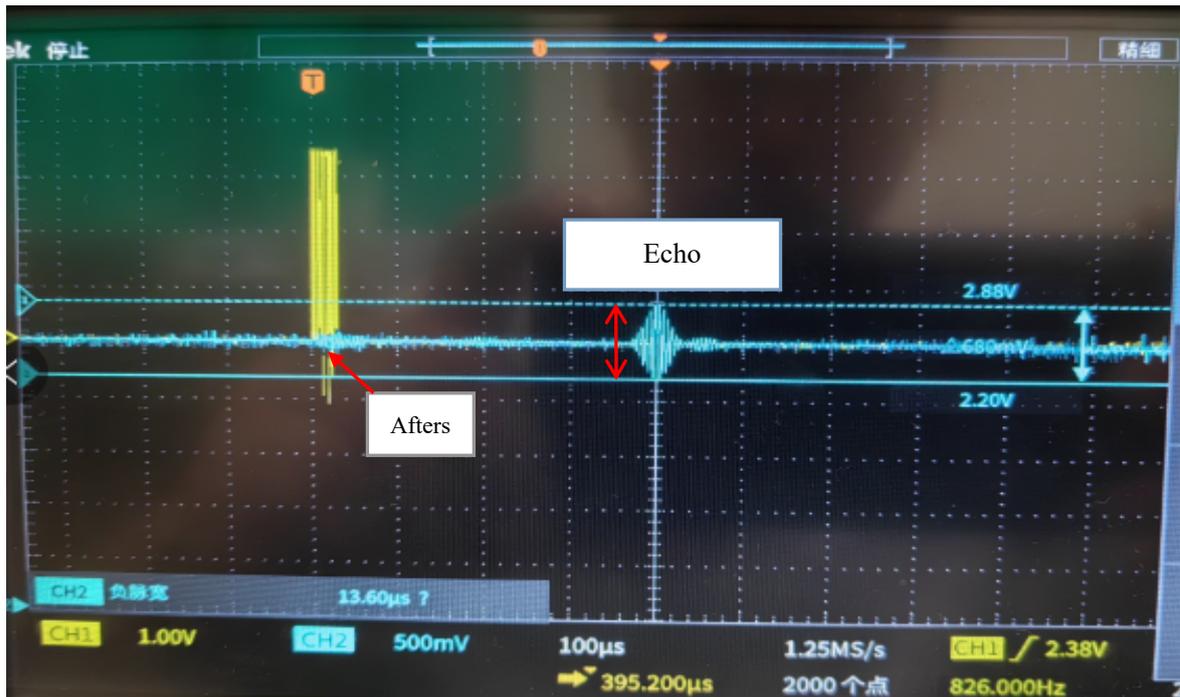
6	Operating Temperature (°C)	-40 ~ +70(°C)	Qualified	High and low temperature chambers
7	Storage Temperature (°C)	-40 ~ +70(°C)	Qualified	High and low temperature chambers

#### 4. Order specifications

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Company Code Center Frequency Outer Diameter of Probe Transceiver Integral Shape of Housing Shielded Wire Serial Number

#### 5. Waveform diagram



Schematic diagram

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