Adveco

BCS-4V Series Air Velocity Sensor

Overview

The BCS-4V Series Air Velocity Sensor are mainly used for measuring air velocity in air ducts of heating, ventilation, and air conditioning (HVAC) systems.

Features

■ High-precision MEMS sensors, excellent long-term stability and anti-interference capability.

■ Power supply and output feature overvoltage and reverse connection protection.

■ Isolated RS485 output available

■ Strong anti-pollution performance and easy to install and maintain.
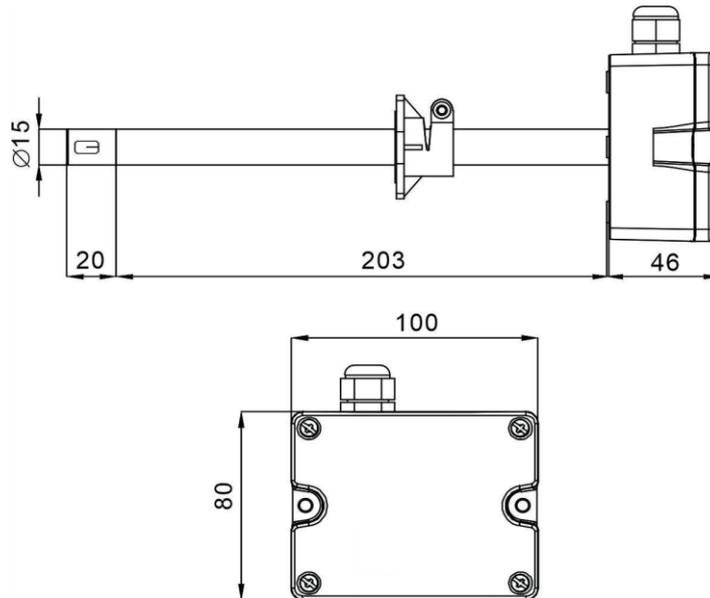
Specifications

Measuring Range	0~10m/s (Default), 0-15m/s, 0-20m/s, 0-30m/s (Optional)
Measuring Accuracy	± (0.2m/s + 3%) of MV (at 20℃, 45%RH and 1013hPa)
Resolution	0.01m/s
Operating Temp.	-10℃~60℃
Storage Temp.	-20℃~80℃
Output Signal	0V~10V/4mA~20mA, Modbus RTU (RS485)
Output Load	≤500Ω (current output), ≥5kΩ (voltage output)
Probe Length	210mm
Wiring	
Wire connector:	M16 waterproof connector suitable for 4~8mm wire harness
Terminal Wire Gauge:	20-18AWG
Certifications:	CE, RoHS
Protection Class	Housing: IP65; Probe: IP20
Material	PC housing, PA6 probe
Weight	NW:183.3g, GW:385.2g

Ordering Information

Model No.	Output Signal/ Protocol
BCS-4VDU-300F	0V~10V/ 4mA~20mA
BCS-4VDM-300F	Modbus RTU (RS485)

Appearance Dimensions