KC Air Velocity Transmitter



FEATURES

- Adopt imported high-precision MEMS sensor, with long-term stability and anti-interference ability.
- Power supply and output with overvoltage and reverse polarity protection.
- Isolated RS485 output optional.
- Strong anti-pollution ability, easy to install and maintain.

DESCRIPTION

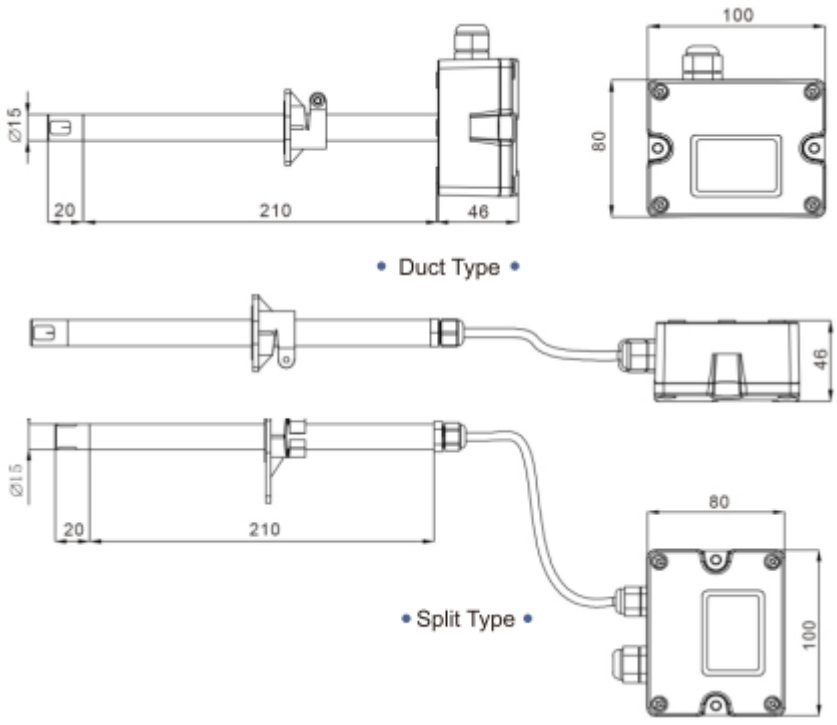
Based on heat conduction principle, the sensor probe of Air Velocity Transmitter is made of MEMS technology, which has the characteristics of high measurement accuracy, wide measurement range, good stability and strong environmental adaptability. It is an ideal choice for wind speed measurement in HVAC, duct air volume measurement, process and environmental control and other applications.

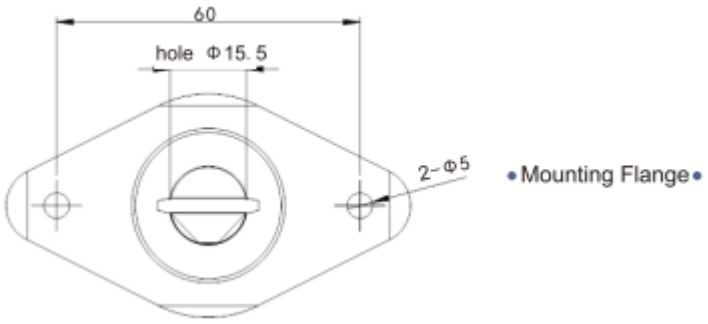
SPECIFICATION

Working Voltage	24V AC/DC ± 20%
Range	0-10m/s, 0-15m/s, 0-20m/s, 0-30m/s
Accuracy	±(0.2m/s+3%of mv)(20°C, 45%RH and 1013hPa)
Resolution	0.01m/s
Output Mode	RS485/Modbus,0-10VDC/4-20mA (3-wire)
Output Load	≤500 Ω (Current output), ≥2K Ω (Voltage output)
Working Temperature	-10 - 60°C
Storage Temperature	-20 - 80°C
Probe Length	210mm (Optional)
Display	Optional LCD display with unit display and backlight
Protection Level	Shell IP65, Probe IP20
Housing Material	Shell PC, Probe Pa6
Electromagnetic Compatibility	EN 61326-1
Certification	RoHS, EU Electrical Safety Standards CE

① Analogue output version, the range can be selected by jumper

DIMENSION





ORDER REF. No.

Model	KC-DV		Duct Type Air Velocity Transmitter	
	KC-SV		Split Type Air Velocity Transmitter	
Output		VC	0-10VDC/4-20mA	
		RS	RS485/Modbus	
Display			0	Without display
			1	With display

1. Example KC-DV-RS-1 : Duct type wind speed transmitter, output: RS485/Modbus, with display