



Features & Benefits

- User selectable 0-10Vdc or 4-20mA outputs
- User selectable measurement ranges
- Durable and resistant to chemical reagents
- Adjustable probe depth using the optional DPA
- Built-in self-test feature

Technical Overview

The AV-D is a single point, multi-range air velocity transmitter with user selectable 0-10Vdc or 4-20mA outputs and 4 user selectable measurement ranges. The unit has a built-in self-test feature and the user can manually override the output to 0%, 50% or 100% of output range to aid commissioning.

Specification

Accuracy	±3% of ranges
Country of origin	Denmark
Environmental Housing	-30 to 60°C 0 to 95% non-condensing
Environmental Media	-10 to +50°C
Gross Weight (kg)	0.22
Housing Dimensions	125 x 105 x 85mm
Housing Material	PC/GF (Halogen free, flame retardant & UV stabilized)
Max.Current	50mA
Output	4-20mA into 100Ω min, 0-10Vdc into 4.7kΩ min
Probe Dimensions	215mm x 20mm dia
Probe Material	Delrin
Protection	IP65
Selectable ranges	0 to 4m/s, 0 to 8m/s, 0 to 16 m/s, 0 to 32 m/s
Supply (Current Output)	20Vdc to 35Vdc for 500Ω loop resistance, 12Vdc to 30Vdc for 100Ω loop resistance
Supply (Voltage output)	17Vdc to 34Vdc, 14Vac to 26Vac supply into 4.7kΩ min.
Weight	220g

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Weight	220g
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Related Product Codes

AV-D	Single Point Air Velocity Sensor
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