

Air Flow Sensor AFD

SKU: AFD

Doc No: AFD-DS-EN-10

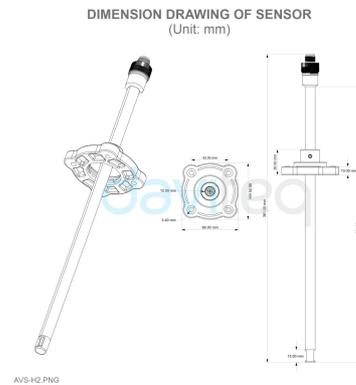
Introduction

AFD is the Air, Gas Velocity Sensor with DULP output with M12-Male connector, compatible with all kinds of Wireless sensor nodes from Daviteq that support DULP signal, for example, WS433-M12F, WSSFC-M12F, WSLRW-M12F

- 1 No moving parts;
- 1 Excellent repeatability (2% FS);
- 1 Can be used for "Wet" gas;
- 1 Adjustable stem length to suit different pipe or duct sizes

Typical applications

- 1 Data Center Thermal Management;
- 1 HVAC VAV Damper Control;
- 1 HVAC Filter Monitoring
- 1 Using for measuring the flow of Air, Argon, CO₂, Nitrogen, Oxygen



Specification

Technology	Differential Pressure
Fluid to measure	Air, Nitrogen, Oxygen, Argon, CO ₂
Velocity range (m/s)	4-29 (for Air)
Velocity accuracy (m/s)	+/- 0.5
Max Static Pressure (barg)	Continuous 0.44
Burst pressure (barg)	0.67
Sensor probe dimension	12mm diameter, 200mm length
Process connection	Sliding proprietary flange, come with Gasket
Output	DULP
Connector	M12-Male 4 pin
Working temperature (oC)	-40 .. + 85
Working Humidity (%RH)	0-95, non-condensed

Net Weight	max 500g
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Ordering Code

Item code	Descriptions
AFD-0200	AIR FLOW SENSOR, DULP OUTPUT, 4-29M/S WITH 200MM LENGTH SLIDING PROBE, FLANGE, M12-MALE CONNECTOR
AFD-0500	AIR FLOW SENSOR, DULP OUTPUT, 4-29M/S WITH 500MM LENGTH SLIDING PROBE, FLANGE, M12-MALE CONNECTOR

 [Link for full datasheet:](#)

 [Link for manual:](#)

daviteq

Daviteq Technologies Inc



www.daviteq.com



info@daviteq.com

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