

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

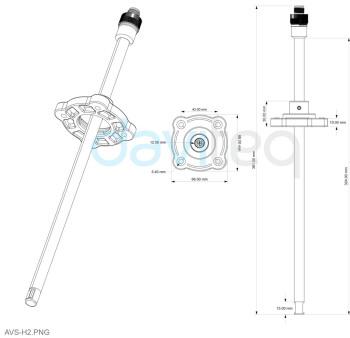
- No moving parts;
- Excellent repeatability (2% FS);
- Can be used for "Wet" gas;
- Adjustable stem length to suit different pipe or duct sizes



Typical applications

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

DIMENSION DRAWING OF SENSOR
(Unit: mm)




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:

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