



AWM92100V

[Products](#) > [Sensors](#) > [Airflow Sensors](#) > [Unamplified](#) > [AWM90000 Series](#) > **AWM92100V**

Overview

Airflow Sensor, Signal Conditioning: Unamplified (mV); Flow/Pressure Range: ±200sccm; Port Style: Parallel. The AWM90000 Series microbridge mass airflow sensors utilize... [View More](#)



- [view distributor inventory](#)
- [sample request](#)
- [email technical support](#)
- [start a chat we're offline](#)
- [get support](#)
- [email sales](#)
- [find a distributor](#)
- [email this page](#)

Technical Specifications

Series Name	AWM90000	Signal Conditioning	Unamplified (mV)
Flow/Pressure Range	±200 sccm	Output Voltage at Trim Point	77.0 mV dc at 200 sccm
Sensor Current	0.6 mA max.	Null Shift over Temperature	±2.0 mV dc typ. (-25 °C to 25 °C [-13 °F to 77 °F]); ±2.0 mV dc typ. (25 °C to 85 °C [77 °F to 185 °F])
Output Shift over Temperature	-3% FSO typ. (-25 °C to 25 °C [-13 °F to 77 °F]); ±1% FSO typ. (25 °C to 85 °C [77 °F to 185 °F])	Repeatability	±0.35 % FSO
Null Offset	±15.0 mV dc	Response Time	1 ms typ., 3 ms max.

[View More](#)

English

Documents

TITLE	DOCUMENT TYPE	LANGUAGE	SIZE
AWM90000 Series AWM92100V CAD Model.stp	CAD Model	--	488KB
Airflow Sensors Line Guide	Product Line Guide	English	132KB
Airflow, Force, and Pressure Sensors Range Guide	Product Range Guide	English	2MB
AWM90000 Series Microbridge Mass Airflow Sensors	Installation Instructions	English	160KB

[View More](#)

Product Features

- Bi-directional sensing capability
- Actual mass air flow sensing
- Low differential pressure sensing

Applications

- Continuous Positive Airway Pressure (CPAP) equipment

- Sleep apnea monitors
- Low vacuum control
- Respirators and ventilators
- Oxygen concentrators
- Oxygen Conservers
- Nebulizers
- Spirometers
- Anesthesia delivery
- Variable Air Volume (VAV) - Damper control
- Clogged filter detection
- Leak detection equipment


NAVIGATION LINKS

- [HOME](#)
- [PRODUCTS](#)
- [INDUSTRIES](#)
- [CONTACT US](#)
- [NEWS & EVENTS](#)
- [ABOUT US](#)

DISTRIBUTOR LINKS

- [DIGITAL U-HML](#)
- [ECOM LOGIN](#)
- [REQUEST ACCESS TO ECOM](#)
- [SALES/AD PORTAL LOGIN](#)
- [SALES/AD PORTAL ACCESS REQUEST](#)
- [SAMPLE REQUEST](#)
- [LEARNING HUB LOGIN](#)

LANGUAGE

English 

SITE INFORMATION

- [PRIVACY STATEMENT](#)
- [TERMS & CONDITIONS](#)
- [COPYRIGHT © 2017 HONEYWELL INTERNATIONAL INC.](#)

This site uses cookies to simplify and improve your usage and experience of this website. Cookies are small text files stored on the device you are using to access this website. If you ignore this message and continue without changing your browser settings, we will assume that you are consenting to our use of cookies. For further information on our use of cookies, please see [Privacy Statement](#).

Don't show this message again