

# Honeywell Zephyr™ Airflow Sensors, HAF Series-High Accuracy, ±50 SCCM to ±750 SCCM, Product Nomenclature



For example, a **HAFBLF0200C4AX5** part number defines a Honeywell Zephyr™ Airflow Sensor, bidirectional forward flow optimized, long port, fastener mount, 200 SCCM, I<sup>2</sup>C output with address 0x49, 10% to 90% transfer function, 5.0 Vdc supply voltage.

<b>HAF</b>	<b>B</b>	<b>L</b>	<b>F</b>	<b>0200</b>	<b>C</b>	<b>4</b>	<b>A</b>	<b>X</b>	<b>5</b>
Product Series	Flow Direction	Port Style	Housing Style	Flow Range <sup>2</sup>	Unit	Output Format	Transfer Function	Reserved for Future Use	Supply Voltage
<b>HAF Series</b> High accuracy airflow sensor	<b>B</b> Bidirectional forward flow optimized	<b>L</b> Long port <sup>1</sup>	<b>F</b> Fastener mount	<b>0050</b> 50 long port style only	<b>C</b> SCCM	<b>A</b> analog	<b>A</b> 10% to 90% of Full Scale Output (FSO)	<b>X</b> xxxxx	<b>3</b> 3.3 Vdc
	<b>S</b> Bidirectional symmetric (coming soon)	<b>S</b> Short port	<b>S</b> Snap mount <sup>1</sup>	<b>0100</b> 100 long port style only		<b>4</b> digital I <sup>2</sup> C address: 0x49			<b>5</b> 5.0 Vdc
	<b>U</b> Unidirectional symmetric (coming soon)			<b>0200</b> 200 long or short port		<b>5</b> digital I <sup>2</sup> C address: 0x59			
				<b>0400</b> 400 long port style only		<b>6</b> digital I <sup>2</sup> C address: 0x69			
				<b>0750</b> 750 long port style only		<b>7</b> digital I <sup>2</sup> C address: 0x79			

Notes:

1. The long port style with the snap mount housing style is not a valid configuration.
2. The 200 SCCM flow range is available in the long and short port styles.
3. Apart from the general configuration required, other customer-specific requirements are also possible. Please contact Honeywell.