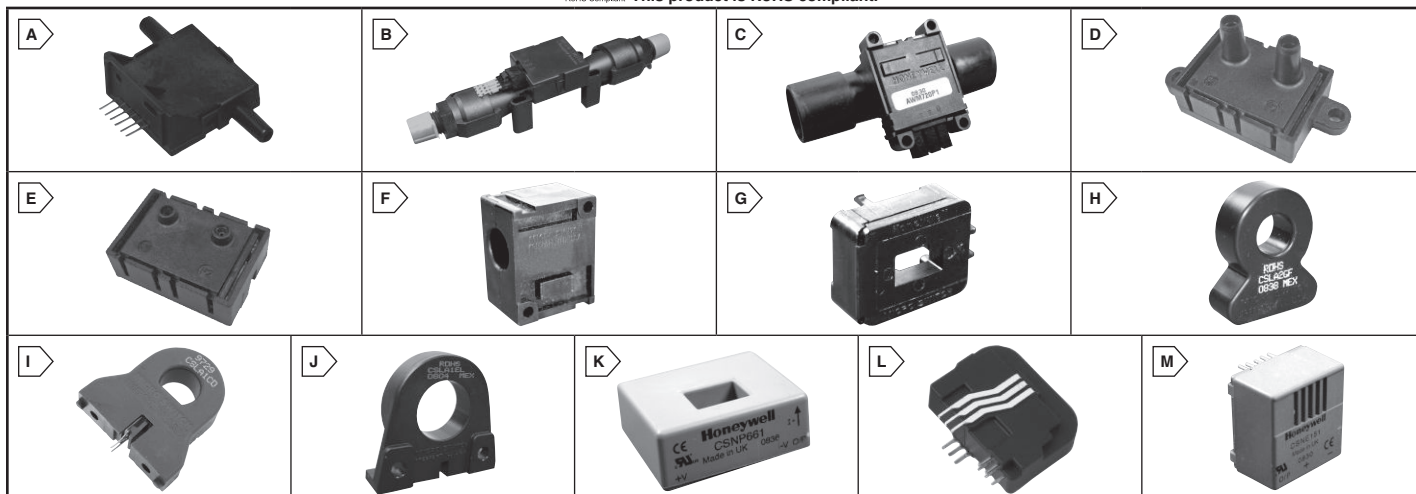


HONEYWELL Sensors

Honeywell

RoHS Compliant This product is RoHS compliant.



AIRFLOW SENSORS

Contain a thin-film, thermally isolated bridge structure that consisting of heater and temperature sensing elements. This microbridge structure provides a sensitive and fast response to the flow, amount and direction of air or other gas over the chip and provides a proportional output voltage. State-of-the-art chip design and manufacturing techniques allow the microbridge to be remarkably sensitive, fast and small. Amplified versions provide a higher output signal and require less external circuitry than unamplified versions allow more options in external circuit design. A variety of port styles provides greater application flexibility.



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Honeywell Part No.	Fig.	Max. Common Mode Pressure	Output Voltage	Signal Conditioning	Pressure/Flow Range	Price Each		
							1	10	50
785-AWM2100V	AWM2100V	A	25.0 psi	30.0mVDC	Unamplified	200 scfm	96.64	89.58	87.71
785-AWM3300V	AWM3300V	A	25.0 psi	5.0VDC	Amplified	1.0 slpm	126.68	104.92	96.50
785-AWM5102VN	AWM5102VN	B	50.0 psi	5.0VDC	Amplified	0-10.0 slpm	306.18	286.74	261.80
785-AWM720P1	AWM720P1	C	25.0 psi	5.0±0.36VDC	Amplified	+ 200 slpm	352.83	330.43	301.70

ZEPHYR™ ANALOG AIRFLOW SENSORS, HAF SERIES HIGH ACCURACY

Honeywell Zephyr™ Analog Airflow Sensors: HAF Series-High Accuracy, provide an analog interface for reading airflow over the specified full scale flow span and temperature range. Their thermally isolated heater and temperature sensing elements help these sensors provide a fast response to air or gas flow.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Honeywell Part No.	Fig.	Pressure Range	Supply Voltage	Port Style	Mounting Style	Price Each		
							1	10	25
785-HAFBLF0050CAAX5	HAFBLF0050CAAX5	D	50 SCCM	5.0VDC	Long Port	Fastener mount	96.08	81.35	81.14
785-HAFBLF0200CAAX3	HAFBLF0200CAAX3	D	200 SCCM	3.3VDC	Long Port	Fastener mount	87.21	83.36	79.84
785-HAFBLF0200CAAX5	HAFBLF0200CAAX5	D	200 SCCM	5.0VDC	Long Port	Fastener mount	87.21	83.36	79.84
785-HAFBLF0750CAAX5	HAFBLF0750CAAX5	D	750 SCCM	5.0VDC	Long Port	Fastener mount	96.08	81.35	81.14
785-HAFBSF0200CAAX3	HAFBSF0200CAAX3	D	200 SCCM	3.3VDC	Short Port	Fastener mount	87.21	83.36	79.84
785-HAFBSF0200CAAX5	HAFBSF0200CAAX5	D	200 SCCM	5.0VDC	Short Port	Fastener mount	87.21	83.36	79.84

ZEPHYR™ DIGITAL AIRFLOW SENSORS, HAF SERIES

Honeywell Zephyr™ Digital Airflow Sensors: HAF Series-High Accuracy, provide a digital interface for reading airflow over the specified full scale flow span and temperature range. Their thermally isolated heater and temperature sensing elements help these sensors provide a fast response to air or gas flow. Zephyr sensors are designed to measure mass flow of air and other non-corrosive gases. They are available in standard flow ranges and are fully calibrated and temperature compensated with an on-board Application Specific Integrated Circuit (ASIC).



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Honeywell Part No.	Fig.	Pressure Range	Supply Voltage	Port Style	Mounting Style	Price Each		
							1	10	25
785-HAFBLF0050C4AX5	HAFBLF0050C4AX5	D	50 SCCM	5.0VDC	Long Port	Fastener mount	96.08	81.35	81.14
785-HAFBLF0200C4AX3	HAFBLF0200C4AX3	D	200 SCCM	3.3VDC	Long Port	Fastener mount	87.21	83.36	79.84
785-HAFBLF0200C4AX5	HAFBLF0200C4AX5	D	200 SCCM	5.0VDC	Long Port	Fastener mount	87.21	83.36	79.84
785-HAFBLF0750C4AX5	HAFBLF0750C4AX5	D	750 SCCM	5.0VDC	Long Port	Fastener mount	96.08	81.35	81.14
785-HAFBSF0200C4AX3	HAFBSF0200C4AX3	E	200 SCCM	3.3VDC	Short Port	Fastener mount	87.21	83.36	79.84
785-HAFBSF0200C4AX5	HAFBSF0200C4AX5	E	200 SCCM	5.0VDC	Short Port	Fastener mount	87.21	83.36	79.84
785-HAFBSS0200C4AX3	HAFBSS0200C4AX3	E	200 SCCM	3.3VDC	Short Port	Snap mount	87.21	83.36	79.84
785-HAFBSS0200C4AX5	HAFBSS0200C4AX5	E	200 SCCM	5.0VDC	Short Port	Snap mount	87.21	83.36	79.84

LINEAR CURRENT SENSORS

MICRO SWITCH™ CS series linear current sensors incorporate our 91SS12-2 and SS94A1 linear output Hall effect transducer (LOHET™). The sensing element is assembled in a printed circuit board mountable housing. This housing is available in four configuration as shown in mounting dimension figures 1, 1a, 2 and 2a. Normal mounting is with 0.375 inch long 4-40 screw and square nut (not provided) inserted in the housing or a 6-20 self-tapping screw. The combination of the sensor, flux collector, and housing comprises the holder assembly. These sensors are ratiometric.



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Honeywell Part No.	Fig.	Package Style	Supply Voltage	Supply Current (mA max.)	Sensed Current Range	Price Each		
							1	10	50
Analog Inductive									
785-CSLA2EL	CSLA2EL	F	PCB Bottom Mount	6.0VDC	20mA	±550A	48.79	45.45	38.32
Digital Inductive									
785-CSDA1AA	CSDA1AA	F	Thru Hole PCB, Mnt Pins	0.40V	20mA	N/A	47.53	43.20	39.60
785-CSDA1BA	CSDA1BA	F	Thru Hole PCB, Screw Mnt	0.40V	20mA	N/A	34.57	27.39	24.19
785-CSDA1DA	CSDA1DA	F	3-P AMP	0.40V	20mA	N/A	41.15	37.41	34.30
Open Loop									
785-CSLH3A45	CSLH3A45	G	PCB Right Angle	4.5 to 10.5VDC	11mA	±45A	11.24	7.68	7.25
785-CSLA2GF	CSLA2GF	H	PCB Right Angle	6.0 to 12.0VDC	20mA	±125A	25.14	23.40	21.12
785-CSLA2DH	CSLA2DH	I	PCB Bottom Mnt	6.0 to 12.0VDC	20mA	±235A	39.45	36.73	33.16
785-CSLA2CF	CSLA2CF	I	PCB Bottom Mnt	6.0 to 12.0VDC	20mA	±125A	17.95	16.71	15.08
785-CSLA2CE	CSLA2CE	I	PCB Bottom Mnt	6.0 to 12.0VDC	20mA	±92A	16.60	15.48	13.72
785-CSLA2CD	CSLA2CD	I	PCB Bottom Mnt	6.0 to 12.0VDC	20mA	±72A	19.35	15.06	13.32
785-CSLA1EL	CSLA1EL	J	PCB Bottom Mnt	8.0 to 16.0VDC	19mA	±625A	49.43	46.02	39.48
785-CSLA1DJ	CSLA1DJ	K	PCB Bottom Mnt	8.0 to 16.0VDC	19mA	±225A	24.71	22.65	19.36
785-CSLA1CF	CSLA1CF	K	PCB Bottom Mnt	8.0 to 16.0VDC	19mA	±100A	22.12	20.31	18.60
785-CSLA1CD	CSLA1CD	K	PCB Bottom Mnt	8.0 to 16.0VDC	19mA	±57A	21.76	20.69	19.58
Closed Loop									
785-CSNP661	CSNP661	K	Thru Hole PCB	±12 to ±15VDC	±10mA	±90A	47.16	45.75	43.27
785-CSNA111	CSNA111	L	Thru Hole PCB	±15.0VDC	±10mA	±70A	39.46	36.43	33.83
785-CSNE151	CSNE151	M	Series PCB Mnt	4.75 to 5.25VDC	±12mA	±40A	46.45	42.22	38.71