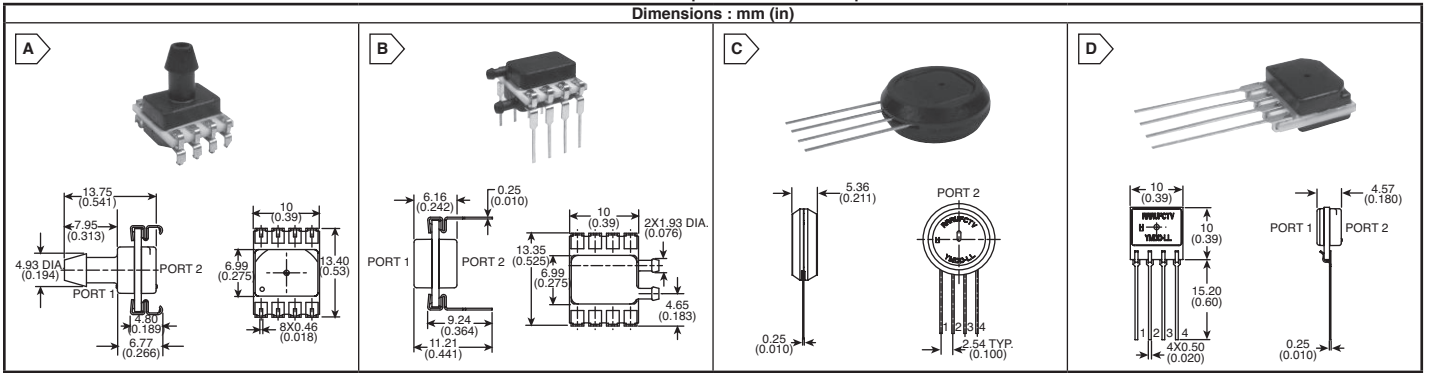


# HONEYWELL Sensors



RoHS Compliant This product is RoHS compliant.

Dimensions : mm (in)



## TRUSTABILITY™ SILICON PRESSURE SENSOR HSC SERIES

These devices offer customers three key benefits not found in competitive silicon sensors: sensors available; Accuracy: They are designed to provide an extremely tight accuracy Stability: These sensors are the most stable silicon pressure specification; and Flexibility: Their modular and exhibit design offer customers a variety of package styles and options, all with the same industry-leading performance specifications cations.

These sensors are intended for use with non-corrosive, non-ionic working fluids such as air and dry gases. of sensor offset, sensitivity, temperature coefficients and non-linearity. Industry: They are designed to provide digital correction leading stability helps prevent drift over time or from temperature extremes. Leading stability helps prevent drift over time or from temperature extremes.

**Features:**

- Industry leading long-term stability
- Extremely tight accuracy of ±0.25 % FSS BFSLL
- Total error band of ±2 % full scale span max.
- Low operating voltage
- Extremely low power consumption
- Ratiometric 12-bit analog output
- Virtually insensitive to mounting direction
- Internal diagnostic functions increase system reliability
- Absolute, differential, gauge, and compound types
- Custom calibration available
- Various pressure port options

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Honeywell Part No.	Fig.	Pressure Range	Pressure Type	Signal Conditioning	Supply Voltage (max.)	Price Each		
							1	10	25
785-HSCSFFN005PDAA5	HSCSFFN005PDAA5	-	-5 psi to 5 psi	Differential	Amplified	4.75V to 5.25V	81.54	68.59	64.83
785-HSCSGNN001PGAAS	HSCSGNN001PGAAS	-	0 psi to 1 psi	Gauge	Amplified	4.75V to 5.25V	81.54	68.59	64.83
785-HSCDANN001BA2A3	HSCDANN001BA2A3	A	0 bar to 1 bar	Absolute	Amplified	0.3V to 3.3V	35.45	32.00	30.40
785-HSCDANN015PA2A5	HSCDANN015PA2A5	A	0 to 15 psi	Absolute	Amplified	4.75V to 5.25V	35.45	32.00	30.40
785-HSCDANN015PAA5A	HSCDANN015PAA5A	A	0 to 15 psi	Absolute	Amplified	4.75V to 5.25V	35.45	32.00	30.40
785-HSCDANT001PGSA3	HSCDANT001PGSA3	A	0 psi to 1 psi	Gauge	Amplified	0.3V to 3.3V	41.32	37.52	35.64
785-HSCDANT005PG2A5	HSCDANT005PG2A5	A	0 psi to 5 psi	Gauge	Amplified	0.3V to 5.0V	41.32	37.52	35.64
785-HSCDRRT001PD2A3	HSCDRRT001PD2A3	A	-1 psi to 1 psi	Differential	Amplified	0.3V to 3.3V	41.32	37.52	35.64
785-HSCDRRN030PAA3A	HSCDRRN030PAA3A	A	0 psi to 30 psi	Absolute	Amplified	0.3V to 3.6V	35.45	32.00	30.40
785-HSCMAND015PASAS	HSCMAND015PASAS	A	0 psi to 15 psi	Absolute	Amplified	4.75V to 5.25V	55.32	41.94	38.06
785-HSCMAND015PASAS	HSCMAND015PASAS	A	0 to 15 psi	Absolute	Amplified	-0.3V to 6.0V	55.32	41.94	38.06
785-HSCMANN005PGAAS	HSCMANN005PGAAS	A	0 psi to 5 psi	Absolute	Amplified	4.75V to 5.25V	36.47	33.11	31.45
785-HSCSANN015PA2A3	HSCSANN015PA2A3	A	0 to 15 psi	Absolute	Amplified	-0.3V to 6.0V	35.45	32.00	30.40
785-HSCSANN100PA2A5	HSCSANN100PA2A5	A	0 to 100 psi	Absolute	Amplified	-0.3V to 6.0V	35.45	32.00	30.40
785-HSCSANN150PA2A5	HSCSANN150PA2A5	A	0 to 150 psi	Absolute	Amplified	-0.3V to 6.0V	35.45	32.00	30.40
785-HSCDAND015PDSA3	HSCDAND015PDSA3	A	-15 to 15 psi	Differential	Amplified	0.3V to 3.3V	36.47	33.11	31.45
785-HSCSAAN001PDAAS	HSCSAAN001PDAAS	A	±1 psi	Differential	Amplified	-0.3V to 6.0V	35.45	32.00	30.40
785-HSCDANN001BGAA3	HSCDANN001BGAA3	A	1 bar to 1 bar	Gauge	Amplified	0.3V to 3.3V	35.45	32.00	30.40
785-HSCDANN001PG2A5	HSCDANN001PG2A5	A	0 psi to 1 psi	Gauge	Amplified	-0.3 to 3.6V	35.45	32.00	30.40
785-HSCDANN005PGSA5	HSCDANN005PGSA5	A	0 to 5 psi	Gauge	Amplified	4.75V to 5.25V	35.45	32.00	30.40
785-HSCDANN010BGAAS	HSCDANN010BGAAS	A	0 bar to 10 bar	Gauge	Amplified	4.75V to 5.25V	35.45	32.00	30.40
785-HSCDANN250MGAA5	HSCDANN250MGAA5	A	0 to 250 mbar	Gauge	Amplified	4.75V to 5.25V	35.45	32.00	30.40
785-HSCMAND1.6BGSAS	HSCMAND1.6BGSAS	A	0 bar to 1.6 bar	Gauge	Amplified	0.3V to 3.6V	55.32	41.94	38.06
785-HSCMAND600MG2A3	HSCMAND600MG2A3	A	0 bar to 600 mbar	Gauge	Amplified	4.75V to 5.25V	55.32	41.94	38.06
785-HSCMANN001PGAAS	HSCMANN001PGAAS	A	0 psi to 1 psi	Gauge	Amplified	4.75V to 5.25V	36.47	33.11	31.45
785-HSCMANN100PGAAS	HSCMANN100PGAAS	A	0 to 100 psi	Gauge	Amplified	-0.3V to 6.0V	36.47	33.11	31.45
785-HSCSAND005PGAAS	HSCSAND005PGAAS	A	0 psi to 5 psi	Gauge	Amplified	4.75V to 5.25V	36.47	33.11	31.45
785-HSCSAND015PGAAS	HSCSAND015PGAAS	A	0 psi to 15 psi	Gauge	Amplified	4.75V to 5.25V	36.47	33.11	31.45
785-HSCSAND100PGAAS	HSCSAND100PGAAS	A	0 psi to 100 psi	Gauge	Amplified	4.75V to 5.25V	36.47	33.11	31.45
785-HSCSANN005PGAAS	HSCSANN005PGAAS	A	0 psi to 5 psi	Gauge	Amplified	0.3V to 3.6V	35.45	32.00	30.40
785-HSCSANN100PGAAS	HSCSANN100PGAAS	A	0 psi to 100 psi	Gauge	Amplified	4.75V to 5.25V	35.45	32.00	30.40
785-HSCSANN150PG2A3	HSCSANN150PG2A3	A	0 psi to 150 psi	Gauge	Amplified	0.3V to 3.6V	35.45	32.00	30.40
785-HSCDAND400MGAA3	HSCDAND400MGAA3	A	0 mbar to 400 mbar	Gauge	Amplified	0.3V to 3.3V	36.47	33.11	31.45
785-HSCDANN001PGSA5	HSCDANN001PGSA5	A	0 to 1 psi	Gauge	Amplified	-0.3V to 6.0V	35.45	32.00	30.40
785-HSCDANN005PGSA5	HSCDANN005PGSA5	A	0 to 5 psi	Gauge	Amplified	-0.3V to 6.0V	35.45	32.00	30.40
785-HSCMAND030PGAAS	HSCMAND030PGAAS	A	0 to 30 psi	Gauge	Amplified	-0.3V to 6.0V	55.32	41.94	38.06
785-HSCDANT001PGSA3	HSCDANT001PGSA3	A	0 to 1 psi	Gauge	Amplified	4.75V to 5.25V	41.32	37.52	35.64
785-HSCDANN004MGSA5	HSCDANN004MGSA5	A	0 mbar to 4 mbar	Gauge	Amplified	3.0V to 6.0V	57.44	54.46	52.42
785-HSCDANN004NG2A3	HSCDANN004NG2A3	A	0 in H <sub>2</sub> O to 4 in H <sub>2</sub> O	Gauge	Amplified	3.0V to 6.0V	57.44	54.46	52.42
785-HSCDLN006MGAA5	HSCDLN006MGAA5	-	0 mbar to 6 mbar	Gauge	Amplified	3.0V to 6.0V	57.44	54.46	52.42
785-HSCDANT005PG2A5	HSCDANT005PG2A5	A	0 to 5 psi	Gauge	Amplified	4.75V to 5.25V	41.32	37.52	35.64
785-HSCDRRN010MD2A3	HSCDRRN010MD2A3	A	±10 mbar	Differential	Amplified	3.0V to 6.0V	46.46	43.56	41.93
785-HSCDRRN01ND2A5	HSCDRRN01ND2A5	B	±1 inH <sub>2</sub> O	Differential	Amplified	3.0V to 6.0V	57.44	54.46	52.42
785-HSCDRRN002NDAAS	HSCDRRN002NDAAS	B	±2 inH <sub>2</sub> O	Differential	Amplified	3.0V to 6.0V	57.44	54.46	52.42
785-HSCMRNN015PAAAS	HSCMRNN015PAAAS	B	0 psi to 5 psi	Absolute	Amplified	4.75V to 5.25V	36.47	33.11	31.45
785-HSCMRNN030PA2A3	HSCMRNN030PA2A3	B	0 psi to 30 psi	Absolute	Amplified	0.3V to 3.6V	36.47	33.11	31.45
785-HSCMRNN1.6BASA3	HSCMRNN1.6BASA3	B	0 bar to 1.6 bar	Absolute	Amplified	0.3V to 3.6V	36.47	33.11	31.45
785-HSCMRRD015PD2A3	HSCMRRD015PD2A3	B	0 psi to 5 psi	Absolute	Amplified	0.3V to 3.6V	55.32	41.94	38.06
785-HSCMRRN005PDSA5	HSCMRRN005PDSA5	B	0 psi to 5 psi	Absolute	Amplified	4.75V to 5.25V	36.47	33.11	31.45
785-HSCMRRN015PD2A3	HSCMRRN015PD2A3	B	0 psi to 15 psi	Absolute	Amplified	0.3V to 3.6V	36.47	33.11	31.45
785-HSCDDR001PD2A3	HSCDDR001PD2A3	B	±0.25	Differential	Amplified	0.3V to 3.3V	36.47	33.11	31.45
785-HSCDRRN005PD2A5	HSCDRRN005PD2A5	B	-5 psi to 5 psi	Differential	Amplified	4.75V to 5.25V	35.45	32.00	30.40
785-HSCDRRN005PD2A5	HSCDRRN005PD2A5	B	±5 psi	Differential	Amplified	-0.3V to 6.0V	35.45	32.00	30.40
785-HSCDRRN015PDAAS	HSCDRRN015PDAAS	B	-15 psi to 15 psi	Differential	Amplified	4.75V to 5.25V	35.45	32.00	30.40
785-HSCDRRN015PDSA5	HSCDRRN015PDSA5	B	-15 psi to 15 psi	Differential	Amplified	4.75V to 5.25V	35.45	32.00	30.40
785-HSCMRRD001PDAAS	HSCMRRD001PDAAS	B	-1 psi to 1 psi	Differential	Amplified	0.3V to 3.6V	55.32	41.94	38.06
785-HSCMRRN001PD2A3	HSCMRRN001PD2A3	B	-1 psi to 1 psi	Differential	Amplified	0.3V to 3.6V	36.47	33.11	31.45
785-HSCMRRN100MDSA3	HSCMRRN100MDSA3	B	-100 mbar to 100 mbar	Differential	Amplified	0.3V to 3.6V	36.47	33.11	31.45
785-HSCSRRN005PDAAS	HSCSRRN005PDAAS	B	-5 psi to 5 psi	Differential	Amplified	4.75V to 5.25V	35.45	32.00	30.40
785-HSCDRRT001PD2A3	HSCDRRT001PD2A3	B	-1 psi to 1 psi	Differential	Amplified	0.3V to 3.3V	41.32	37.52	35.64
785-HSCMRNN001BGAAS	HSCMRNN001BGAAS	B	0 to 1 bar	Gauge	Amplified	-0.3V to 6.0V	36.47	33.11	31.45
785-HSCMRNN001PG2A3	HSCMRNN001PG2A3	B	0 to 1 psi	Gauge	Amplified	-0.3V to 6.0V	36.47	33.11	31.45
785-HSCMRRD001PG2A3	HSCMRRD001PG2A3	B	0 psi to 1 psi	Gauge	Amplified	0.3V to 3.6V	55.32	41.94	38.06
785-HSCMRRN001PG2A3	HSCMRRN001PG2A3	B	-1 psi to 1 psi	Gauge	Amplified	0.3V to 3.6V	36.47	33.11	31.45
785-HSCSMNN001PDAAS	HSCSMNN001PDAAS	C	±1 psi	Differential	Amplified	-0.3V to 6.0V	61.66	46.75	42.42
785-HSCSSNN001PD2A3	HSCSSNN001PD2A3	D	±1 psi	Differential	Amplified	-0.3V to 6.0V	61.66	46.75	42.42

