

Honeywell

Sensing and Control **Sensors Hall Effect Sensors**

Fig.	Supply Voltage (VDC)	Output Current	Output Type	Terminal Type	Polarity	Digi-Key Part No.	1	Price Each	50	100	T & R Pricing 1,000#	Honeywell Part No.
1	3.8 - 30	10mA	Sink	Lead Wires	—	480-1992-ND	4.34	2.73	2.59	—	—	SR16C-J6
2	4.5 - 24	40mA	Sink	Lead Wires	—	480-1990-ND	18.79	13.63	13.16	—	—	4AV16F
3	3.8 - 30	20mA	Sink	Lead Wires	Unipolar	480-1991-ND	4.70	2.95	2.80	—	—	SR13C-A1
4	3.8 - 30	40mA	Sink	Lead Wires	—	480-1993-ND	5.89	3.77	3.54	—	—	SR17C-J6
5	3.8 - 30	20mA	Sink	SOT89	Bipolar	480-2011-1-ND	1.20	1.03	.86	511.83	—	SS511AT
	3.8 - 30	20mA	Sink		Unipolar	480-2012-1-ND	1.05	.90	.75	431.97	—	SS541AT
	3.8 - 30	20mA	Sink		Bipolar Latch	480-2013-1-ND	1.20	1.03	.86	511.83	—	SS561AT
	4.5 - 24	20mA	Sink		Bipolar	480-2010-1-ND	1.92	1.65	1.38	795.70	—	SS51T
6	4.5 - 24	40mA	Sink	Lead Wires	—	480-2021-ND	16.42	11.91	11.50	—	—	1GT101DC
7	8 - 16	10mA	Source	PC Board	Ratiometric Linear	480-2007-ND	9.51	6.47	6.13	—	—	91SS12-2
	6.6 - 12.6	1mA	Sink/Source		Ratiometric	480-2008-ND	12.94	8.83	8.39	—	—	SS94A1
	6.6 - 12.6	1mA	Sink/Source		Ratiometric	480-2009-ND	13.61	9.72	9.24	—	—	SS94A1F
	4.5 - 24	20mA	Sink		Bipolar	480-1998-ND	.81	.70	.61	—	—	SS40A
8	4.5 - 24	20mA	Sink	PC Board	Bipolar	480-1999-ND	1.14	.57	.53	—	—	SS41
	3.8 - 30	20mA	Sink		Bipolar	480-2000-ND	1.97	1.11	1.08	—	—	SS411A
	3.8 - 30	20mA	Sink		Unipolar	480-2001-ND	1.20	.62	.57	—	—	SS441A
	3.8 - 30	20mA	Sink		Unipolar	480-2002-ND	1.31	.68	.63	—	—	SS443A
	3.8 - 30	20mA	Sink		Bipolar Latch	480-2003-ND	1.20	.62	.57	—	—	SS461A
	3.8 - 30	20mA	Sink		Bipolar Latch	480-2004-ND	1.06	.55	.51	—	—	SS466A
	4.5 - 10.5	1.5mA	Sink/Source		Ratiometric	480-2005-ND	1.55	.82	.79	—	—	SS495A
	3 - 6.5	1.5mA	Source		Analog	480-2006-ND	1.25	.67	.61	—	—	SS49E
9	4.5 - 24	20mA	Sink	Lead Wires	Unipolar	480-2014-ND	14.02	10.02	9.52	—	—	103SR13A-1

◆ RoHS Compliant ‡ For Tape and Reel part number, change 1-ND to 2-ND.

Temperature — RoHS Compliant

Fig.	Supply Voltage	Supply Current	Temperature Sensing Range	Length (Inch)	Termination	Packaging Type	Digi-Key Part No.	1	Price Each	50	100	Honeywell Part No.
8	10.0 VDC	1mA	-40°C - 150°C	—	SIP	Plastic Case	480-2017-ND	1.76	.98	.92	—	TD5A
9	10.0 VDC	1mA	—	1.5	Lead Wires	3/8-24 UNF-2A	480-2016-ND	16.97	12.31	11.89	—	TD4A

Magnet — RoHS Compliant

Fig.	Outside Diameter mm (Inch)	Thread Dim.	Length Inch (mm)	Digi-Key Part No.	1	Price Each	50	100	Honeywell Part No.
10	7.9 (0.31)	8-32	0.67 (17.0)	480-2015-ND	7.42	4.80	4.64	—	102MG11

Current Sensor — RoHS Compliant

Fig.	Supply Voltage (VDC)	Output Current	Output Type	Terminal Type	Polarity	Sensor Type	Current Type	Response Time	Digi-Key Part No.	1	Price Each	50	100	Honeywell Part No.
11	5.4 - 13.2	—	Voltage	PCB	—	Open Loop Linear	AC or DC	3µs	480-1994-ND	12.71	8.67	8.24	—	CSLA2CD
12	4.5 - 10.5	1.5mA	Voltage	PCB	Positive	Open Loop	DC	50µs	480-1995-ND	6.54	4.36	4.09	—	CSLH3A45
13	4.75 - 5.25	12.5mA	Current	PCB	—	Closed Loop Linear	AC or DC	≤0.2µs	480-1996-ND	15.35	10.97	10.42	—	CSNX25

Switch — RoHS Compliant

Fig.	Supply Voltage (VDC)	Output Current	Output Type	Transistor State	Digi-Key Part No.	1	Price Each	50	100	Honeywell Part No.
14	4.5 - 24.0	10mA	Sink	Normally Off	480-2018-ND	6.27	4.18	3.92	—	VX10

MR — RoHS Compliant

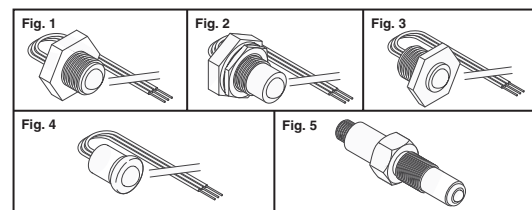
Fig.	Supply Voltage (VDC)	Output Current	Output Type	Polarity	Operate Point	Release Point @25°C	Digi-Key Part No.	1	Price Each	50	100	Honeywell Part No.
15	3.8 - 30.0	20mA	Sink	Omnipolar	1.5 mT	1.1 mT	480-1997-ND	2.50	1.45	1.37	—	2SS52M

Oxygen Sensors and Oxygen Sensor Interface Boards — RoHS Compliant

Fig.	Supply Voltage	Oxygen Sensors Supply Current	Oxygen Range	Gas Flow Rate	Output Signal	Digi-Key Part No.	1	Price Each	50	100	Honeywell Part No.	
Oxygen Sensors												
17	—	—	2 - 3000 mbar	0 - 10 m/sec.	—	480-2088-ND	142.80	113.89	—	—	GMS10RVS	
16	—	—	2 - 3000 mbar	0 - 20 m/sec.	—	480-2089-ND	192.68	147.49	—	—	KGZ-10SP	
18	—	—	2 - 3000 mbar	0 - 20 m/sec.	—	480-2090-ND	181.87	144.93	—	—	KGZ-10	
19	24.0 VDC ±5%	500mA	0 - 100%	0 - 10 m/sec.	1 - 10 Volt	480-2092-ND	1299.44	1137.02	—	—	MF010-0-LC2	
			0 - 25%	0 - 10 m/sec.	4 - 20mA	480-2093-ND	1299.44	1137.02	—	—	MF010-0-LC3	
			0 - 100%	0 - 10 m/sec.	4 - 20mA	480-2094-ND	1299.44	1137.02	—	—	MF010-0-LC4	
Oxygen Sensor Interface Boards												
—	24.0 VDC ±20%	—	0 - 25%	—	0 - 10 Volt	480-2095-ND	402.83	335.70	—	—	DE800.V.1	
			0 - 100%	—	0 - 10 Volt	480-2096-ND	396.88	330.74	—	—	DE800.V.2	
			0 - 25%	—	4 - 20mA	480-2097-ND	402.84	335.70	—	—	DE800.A.1	
			0 - 100%	—	4 - 20mA	480-2098-ND	402.84	335.70	—	—	DE800.A.2	
—	±15.0 VDC ±10%	—	0 - 25%	—	0 - 10 Volt	480-2099-ND	253.45	204.40	—	—	ELECDIT.V.1	
			0 - 100%	—	0 - 10 Volt	480-2100-ND	295.34	241.29	—	—	ELECDIT.V.2	
—	24.0 VDC ±20%	—	0 - 25%	—	0 - 10 Volt	480-2103-ND	301.24	246.12	—	—	OXYMAC50.V.1	
			0 - 100%	—	0 - 10 Volt	480-2104-ND	301.24	246.12	—	—	OXYMAC50.V.2	
			0 - 25%	—	4 - 20mA	480-2105-ND	301.24	246.12	—	—	OXYMAC50.A.1	
			0 - 100%	—	4 - 20mA	480-2106-ND	301.24	246.12	—	—	OXYMAC50.A.2	

Liquid Level Sensors

Fig.	Operating Temperature	Description	Level Type	Digi-Key Part No.	1	Price Each	10	100	Honeywell Part No.
1	-25°C - 80°C -40°C - 125°C	Screw In, M12 Thread, Plastic	1	480-2022-ND	23.20	18.91	16.25	—	LLE101000
				480-2026-ND	33.27	27.30	23.89	—	LLE101101
2	-25°C - 80°C -40°C - 125°C	Screw In, M12 Thread, Plastic	2	480-2023-ND	23.20	18.91	16.25	—	LLE102000
				480-2027-ND	31.94	26.21	22.93	—	LLE102101
3	-25°C - 80°C -40°C - 125°C	Screw In, M12 Thread, Plastic	3	480-2024-ND	23.89	19.47	16.72	—	LLE103000
				480-2028-ND	33.93	27.85	24.37	—	LLE103101
4	-25°C - 80°C -40°C - 125°C	Push In, Plastic	5	480-2025-ND	23.20	18.91	16.25	—	LLE105000
				480-2029-ND	31.94	26.21	22.93	—	LLE105101
5	-40°C - 125°C -40°C - 125°C	Industrial High Air, Stainless Industrial Low Air, Stainless	5	480-2030-ND	120.65	102.92	92.27	—	LLN8651721
				480-2031-ND	120.65	102.92	92.27	—	LLN865172-2



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