

Honeywell

Sensing and Control **Sensors Hall Effect Sensors**

Fig.	Supply Voltage (VDC)	Output Current	Output Type	Terminal Type	Polarity	Digi-Key Part No.	Price Each			T & R Pricing 1,000#	Honeywell Part No.
							1	50	100		
1	3.8 - 30	10mA	Sink	Lead Wires	—	480-1992-ND	5.98	3.76	3.57	—	SR16C-J6
2	4.5 - 24	40mA	Sink	Lead Wires	—	480-1990-ND	25.50	18.49	17.86	—	4AV16F
3	3.8 - 30	20mA	Sink	Lead Wires	Unipolar	480-1991-ND	6.47	4.06	3.86	—	SR13C-A1
4	3.8 - 30	40mA	Sink	Lead Wires	—	480-1993-ND	8.11	5.20	4.87	—	SR17C-J6
5	3.8 - 30	20mA	Sink	SOT89	Bipolar	480-2011-1-ND	1.65	1.41	1.18	705.00	SS511AT
	3.8 - 30	20mA	Sink		Unipolar	480-2012-1-ND	1.44	1.23	1.03	595.00	SS541AT
	3.8 - 30	20mA	Sink		Bipolar Latch	480-2013-1-ND	1.65	1.41	1.18	705.00	SS561AT
	4.5 - 24	20mA	Sink		Bipolar	480-2010-1-ND	2.65	2.27	1.89	1096.00	SS51T
6	4.5 - 24	40mA	Sink	Lead Wires	—	480-2021-ND	22.62	16.41	15.84	—	1GT101DC
7	8 - 16	10mA	Source	PC Board	Ratiometric Linear	480-2007-ND	12.84	8.74	8.28	—	91SS12-2
	6.6 - 12.6	1mA	Sink/Source		Ratiometric	480-2008-ND	17.48	11.92	11.33	—	SS94A1
	6.6 - 12.6	1mA	Sink/Source		Ratiometric	480-2009-ND	18.37	13.13	12.47	—	SS94A1F
8	4.5 - 24	20mA	Sink	PC Board	Bipolar	480-1998-ND	1.12	.96	.84	—	SS40A
	4.5 - 24	20mA	Sink		Bipolar	480-1999-ND	1.37	.69	.63	—	SS41
	3.8 - 30	20mA	Sink		Bipolar	480-2000-ND	2.71	1.53	1.49	—	SS411A
	3.8 - 30	20mA	Sink		Unipolar	480-2001-ND	1.65	.85	.79	—	SS441A
	3.8 - 30	20mA	Sink		Unipolar	480-2002-ND	1.42	.73	.68	—	SS443A
	3.8 - 30	20mA	Sink		Bipolar Latch	480-2003-ND	1.65	.85	.79	—	SS461A
	3.8 - 30	20mA	Sink		Bipolar Latch	480-2004-ND	1.46	.76	.70	—	SS466A
	4.5 - 10.5	1.5mA	Sink/Source		Ratiometric	480-2005-ND	2.13	1.13	1.09	—	SS495A
3 - 6.5	1.5mA	Source	Analog	480-2006-ND	1.72	.92	.84	—	SS49E		
9	4.5 - 24	20mA	Sink	Lead Wires	Unipolar	480-2014-ND	19.31	13.80	13.11	—	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.	Price Each			Honeywell Part No.
							1	50	100		
8	10.0 VDC	1mA	-40°C - 150°C	—	SIP	Plastic Case	480-2017-ND	2.42	1.34	1.27	TD5A
9	10.0 VDC	1mA	—	1.5	Lead Wires	3/8-24 UNF-2A	480-2016-ND	23.38	16.96	16.37	TD4A

Magnet — RoHS Compliant

Fig.	Outside Diameter mm (Inch)	Thread Dim.	Length Inch (mm)	Digi-Key Part No.	Price Each			Honeywell Part No.
				1	50	100		
10	7.9 (0.31)	8-32	0.67 (17.0)	480-2015-ND	10.22	6.61	6.39	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.	Price Each			Honeywell Part No.
									1	50	100		
11	5.4 - 13.2	—	Voltage	PCB	—	Open Loop Linear	AC or DC	3µs	480-1994-ND	17.51	11.94	11.34	CSLA2CD
12	4.5 - 10.5	1.5mA	Voltage	PCB	Positive	Open Loop	DC	50µs	480-1995-ND	9.01	6.01	5.63	CSLH3A45
13	4.75 - 5.25	12.5mA	Current	PCB	—	Closed Loop Linear	AC or DC	≤0.2µs	480-1996-ND	21.14	15.10	14.35	CSNX25

Switch — RoHS Compliant

Fig.	Supply Voltage (VDC)	Output Current	Output Type	Transistor State	Digi-Key Part No.	Price Each			Honeywell Part No.
					1	50	100		
14	4.5 - 24.0	10mA	Sink	Normally Off	480-2018-ND	8.63	5.76	5.40	VX10

MR — RoHS Compliant

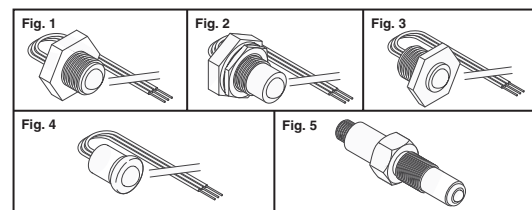
Fig.	Supply Voltage (VDC)	Output Current	Output Type	Polarity	Operate Point	Release Point @25°C	Digi-Key Part No.	Price Each			Honeywell Part No.
								1	50	100	
15	3.8 - 30.0	20mA	Sink	Omnipolar	1.5 mT	1.1 mT	480-1997-ND	3.45	1.99	1.88	2SS52M

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.	Price Each			Honeywell Part No.
							1	50	100	
Oxygen Sensors										
17	—	—	2 - 3000 mbar	0 - 10 m/sec.	—	480-2088-ND	196.69	156.87	—	GMS10RVS
16	—	—	2 - 3000 mbar	0 - 20 m/sec.	—	480-2089-ND	265.40	203.15	—	KGZ-10SP
18	—	—	2 - 3000 mbar	0 - 20 m/sec.	—	480-2090-ND	250.51	199.63	—	KGZ-10
19	24.0 VDC ±5%	500mA	0 - 100%	0 - 10 m/sec.	1 - 10 Volt	480-2092-ND	1789.86	1566.14	—	MF010-0-LC2
			0 - 25%	0 - 10 m/sec.	4 - 20mA	480-2093-ND	1789.86	1566.14	—	MF010-0-LC3
			0 - 100%	0 - 10 m/sec.	4 - 20mA	480-2094-ND	1789.86	1566.14	—	MF010-0-LC4
Oxygen Sensor Interface Boards										
—	24.0 VDC ±20%	—	0 - 25%	—	0 - 10 Volt	480-2095-ND	554.86	462.39	—	DE800.V.1
			0 - 100%	—	0 - 10 Volt	480-2096-ND	546.66	455.56	—	DE800.V.2
			0 - 25%	—	4 - 20mA	480-2097-ND	554.87	462.40	—	DE800.A.1
			0 - 100%	—	4 - 20mA	480-2098-ND	554.87	462.40	—	DE800.A.2
—	±15.0 VDC ±10%	—	0 - 25%	—	0 - 10 Volt	480-2099-ND	349.10	281.54	—	ELECDIT.V.1
			0 - 100%	—	0 - 10 Volt	480-2100-ND	406.80	332.36	—	ELECDIT.V.2
—	24.0 VDC ±20%	—	0 - 25%	—	0 - 10 Volt	480-2103-ND	414.93	339.00	—	OXYMAC50.V.1
			0 - 100%	—	0 - 10 Volt	480-2104-ND	414.93	339.00	—	OXYMAC50.V.2
			0 - 25%	—	4 - 20mA	480-2105-ND	414.93	339.00	—	OXYMAC50.A.1
			0 - 100%	—	4 - 20mA	480-2106-ND	414.93	339.00	—	OXYMAC50.A.2

Liquid Level Sensors

Fig.	Operating Temperature	Description	Level Type	Digi-Key Part No.	Price Each			Honeywell Part No.
				1	10	100		
1	-25°C - 80°C -40°C - 125°C	Screw In, M12 Thread, Plastic	1	480-2022-ND	24.11	19.65	16.88	LLE101000
				480-2026-ND	34.84	28.59	25.02	LLE101101
2	-25°C - 80°C -40°C - 125°C	Screw In, M12 Thread, Plastic	2	480-2023-ND	24.11	19.65	16.88	LLE102000
				480-2027-ND	34.84	28.59	25.02	LLE102101
3	-25°C - 80°C -40°C - 125°C	Screw In, M12 Thread, Plastic	3	480-2024-ND	24.11	19.65	16.88	LLE103000
				480-2028-ND	34.84	28.59	25.02	LLE103101
4	-25°C - 80°C -40°C - 125°C	Push In, Plastic	5	480-2025-ND	24.11	19.65	16.88	LLE105000
				480-2029-ND	34.84	28.59	25.02	LLE105101
5	-40°C - 125°C -40°C - 125°C	Industrial High Air, Stainless Industrial Low Air, Stainless	5	480-2030-ND	128.95	109.99	98.61	LLN8651721
				480-2031-ND	128.95	109.99	98.61	LLN865172-2



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