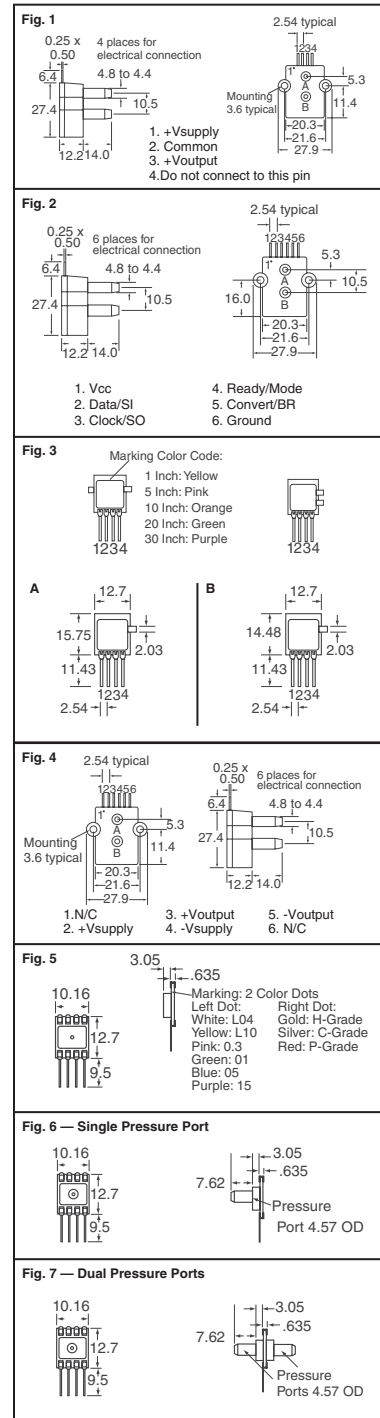


ALL SENSORS Pressure Sensors

Fig.	Pressure	Pressure Type	Output	Supply (VDC)	Compensated Temperature	Operating Temperature	Digi-Key Part No.	1	Price Each	25	100	All Sensors Part No.					
Amplified with Voltage Reference Low Pressure																	
1	0-20	In H ₂ O	4V	5.5 - 16	5°C - 50°C	-25°C - 85°C	442-1008-ND	99.00	75.00	72.00		20 INCH-G-4V-REF					
Amplified Low Pressure																	
1	±1	mbar	4V	3 - 6	5°C - 50°C	-25°C - 85°C	442-1011-ND	180.00	126.00	112.50		1 MBAR-D-4V					
	±1	In H ₂ O					442-1012-ND	110.00	77.00	68.75	1 INCH-D-4V						
	0-1	In H ₂ O					442-1013-ND	120.00	84.00	75.00	1 INCH-G-4V						
	±5	In H ₂ O					442-1014-ND	110.00	77.00	68.75	5 INCH-D-4V						
	0-5	In H ₂ O					442-1015-ND	110.00	77.00	68.75	5 INCH-G-4V						
	±10	In H ₂ O					442-1016-ND	110.00	77.00	68.75	10 INCH-D-4V						
	0-10	In H ₂ O					442-1017-ND	110.00	77.00	68.75	10 INCH-G-4V						
0-20	In H ₂ O	442-1019-ND	110.00	77.00	68.75	20 INCH-G-4V											
±30	In H ₂ O	442-1020-ND	110.00	77.00	68.75	30 INCH-D-4V											
Amplified Middle Pressure																	
1	±0.3	PSID	4V	3 - 7	5°C - 50°C	-25°C - 85°C	442-1022-ND	100.00	70.00	62.50		0.3 PSI-D-4V					
	0-0.3	PSIG					442-1023-ND	100.00	70.00	62.50		0.3 PSI-G-4V					
Barometric Pressure																	
1	600-1100	mbar	4V	4.5 - 5.5	5°C - 50°C	-40°C - 125°C	442-1089-ND	100.00	70.00	62.50		BARO-A-4V					
2	600-1100	mbar	Digital/Serial	7	-20°C - 85°C	-20°C - 105°C	442-1097-ND	280.00	—	—		BARO-DO					
							442-1098-ND	540.00	—	—		BARO-DO-MIL					
3A	600-1100	mbar	4.5 - 5.5V	4.5 - 7.5.5	5°C - 50°C	-25°C - 85°C	442-1092-ND	110.00	77.00	68.75		BARO-A-4V-MINI					
							442-1093-ND	180.00	126.00	112.50		BARO-A-4V-MINI-PRIME					
Millivolt Output C-Grade Pressure																	
4	0-0.3	PSID	20mV	16	0°C - 70°C	-25°C - 85°C	442-1029-ND	50.00	35.00	31.25		0.3 PSI-D-CGRADE-MV					
	0-1	PSID	18mV				442-1030-ND	50.00	35.00	31.25		1 PSI-D-CGRADE-MV					
Millivolt Output H-Grade Pressure																	
4	0-1	PSID	18mV	16	0°C - 70°C	-25°C - 85°C	442-1033-ND	56.00	39.20	35.00		1 PSI-D-HGRADE-MV					
	0-5	PSID	60mV				442-1034-ND	44.00	30.80	27.50	5 PSI-D-HGRADE-MV						
	0-15	PSID	90mV				442-1035-ND	44.00	30.80	27.50	15 PSI-D-HGRADE-MV						
	0-15	PSIA	60mV				442-1036-ND	44.00	30.80	27.50	15 PSI-A-HGRADE-MV						
Millivolt Output Low Pressure																	
4	0-1	In H ₂ O	10mV	16	0°C - 50 (70)°C	-25°C - 85°C	442-1037-ND	80.00	56.00	50.00		1 INCH-D-MV					
	0-5		20mV				442-1038-ND	74.00	51.80	46.25	5 INCH-D-MV						
	0-10		20mV				442-1039-ND	74.00	51.80	46.25	10 INCH-D-MV						
	0-20		20mV				442-1040-ND	74.00	51.80	46.25	20 INCH-D-MV						
	0-30		20mV				442-1041-ND	74.00	51.80	46.25	30 INCH-D-MV						
Millivolt Output Prime Grade Pressure																	
4	0-0.3	PSID	20mV	16	0°C - 70°C	-25°C - 85°C	442-1042-ND	64.00	44.80	40.00		0.3 PSI-D-PRIME-MV					
	0-1	PSID	18mV				442-1043-ND	64.00	44.80	40.00	1 PSI-D-PRIME-MV						
Miniature Basic Offset Compensated Pressure																	
3B	0-1	In H ₂ O	4.0 - 10.0mV	6	0°C - 70°C	-25°C - 85°C	442-1045-ND	50.00	35.00	31.25		1 INCH-G-BASIC					
	0-10		15 - 45mV				442-1051-ND	50.00	35.00	31.25	10 INCH-G-BASIC						
	0-20		15 - 45mV				442-1054-ND	50.00	35.00	31.25	20 INCH-G-BASIC						
	0-5	In H ₂ O	4.0 - 10.0mV	6	0°C - 70°C	-25°C - 85°C	442-1046-ND	50.00	35.00	31.25		1 INCH-D1-BASIC					
	0-1		15 - 30mV				442-1049-ND	50.00	35.00	31.25	5 INCH-D1-BASIC						
	0-10		15 - 45mV				442-1052-ND	50.00	35.00	31.25	10 INCH-D1-BASIC						
	0-30	In H ₂ O	15 - 45mV	6	0°C - 70°C	-25°C - 85°C	442-1058-ND	50.00	35.00	31.25		30 INCH-D1-BASIC					
	0-1		4.0 - 10.0mV				442-1047-ND	50.00	35.00	31.25	1 INCH-D2-BASIC						
	0-5		15 - 30mV				442-1050-ND	50.00	35.00	31.25	5 INCH-D2-BASIC						
	0-10	In H ₂ O	15 - 45mV	6	0°C - 70°C	-25°C - 85°C	442-1053-ND	50.00	35.00	31.25		10 INCH-D2-BASIC					
	0-20		15 - 45mV				442-1056-ND	50.00	35.00	31.25	20 INCH-D2-BASIC						
	0-30		15 - 45mV				442-1059-ND	50.00	35.00	31.25	30 INCH-D2-BASIC						
Miniature Low Pressure																	
3B	0-5	In H ₂ O	19 - 21mV	16	0°C - 50 (70)°C	-25°C - 85°C	442-1077-ND	70.00	49.00	43.75		5 INCH-G-MV-MINI					
	0-10						442-1080-ND	70.00	49.00	43.75	10 INCH-G-MV-MINI						
	0-30						442-1086-ND	70.00	49.00	43.75	30 INCH-G-MV-MINI						
	0-5						In H ₂ O	19 - 21mV	16	0°C - 50 (70)°C	-25°C - 85°C	442-1078-ND	70.00	49.00	43.75		5 INCH-D1-MV-MINI
	0-20											442-1084-ND	70.00	49.00	43.75	20 INCH-D1-MV-MINI	
	0-30	442-1087-ND	70.00	49.00	43.75	30 INCH-D1-MV-MINI											
	0-5	In H ₂ O	19 - 21mV	16	0°C - 50 (70)°C	-25°C - 85°C	442-1079-ND	70.00	49.00	43.75		5 INCH-D2-MV-MINI					
	0-10						442-1082-ND	70.00	49.00	43.75	10 INCH-D2-MV-MINI						
	0-20						442-1085-ND	70.00	49.00	43.75	20 INCH-D2-MV-MINI						
	0-30						442-1088-ND	70.00	49.00	43.75	30 INCH-D2-MV-MINI						
0-30																	
Miniature H-Grade Pressure																	
5	0-4	In H ₂ O	24 - 26mV	16	0°C - (50) 70°C	-25°C - 85°C	442-1060-ND	60.00	42.00	37.50		4 INCH-G-HGRADE-MINI					
	0-0.3		PSIG				19 - 21mV	442-1063-ND	60.00	42.00	37.50	0.3 PSI-G-HGRADE-MINI					
	0-10		In H ₂ O				19 - 21mV	442-1066-ND	60.00	42.00	37.50	10 INCH-G-HGRADE-MINI					
	0-1		PSIG				17.82 - 18.18mV	442-1069-ND	60.00	42.00	37.50	1 PSI-G-HGRADE-MINI					
	0-5		PSIG				59.4 - 60.6mV	442-1072-ND	50.00	35.00	31.25	5 PSI-G-HGRADE-MINI					
0-15	PSIA	89.1 - 90.9mV	442-1075-ND	50.00	35.00	31.25	15 PSI-A-HGRADE-MINI										
6	0-4	In H ₂ O	24 - 26mV	16	0°C - (50) 70°C	-25°C - 85°C	442-1061-ND	60.00	42.00	37.50		4 INCH-GF-HGRADE-MINI					
	0-0.3		PSIG				19 - 21mV	442-1064-ND	60.00	42.00	37.50	0.3 PSI-GF-HGRADE-MINI					
	0-10		In H ₂ O				19 - 21mV	442-1067-ND	60.00	42.00	37.50	10 INCH-GF-HGRADE-MINI					
	0-15		PSIA				89.1 - 90.9mV	442-1076-ND	50.00	35.00	31.25	15 PSI-AF-HGRADE-MINI					
7	0-4	In H ₂ O	24 - 26mV	16	0°C - (50) 70°C	-25°C - 85°C	442-1062-ND	60.00	42.00	37.50		4 INCH-D-HGRADE-MINI					
	0-0.3		PSID				19 - 21mV	442-1065-ND	60.00	42.00	37.50	0.3 PSI-D-HGRADE-MINI					
	0-1		PSID				17.82 - 18.18mV	442-1071-ND	60.00	42.00	37.50	1 PSI-D-HGRADE-MINI					

◆ RoHS Compliant

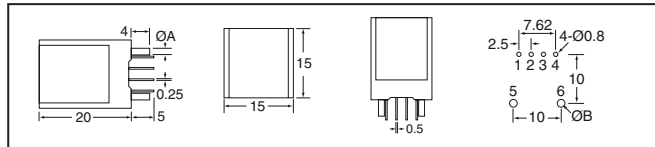


CUI INC Current Sensor

The SCD series current sensors are PC board mounted, Hall effect, open-loop devices which output a voltage equivalent to the magnitude of current sensed.

Capable of detecting DC current and AC currents where ± input currents are represented as a + voltage only.

Pin Assignment	
Pin No.	Pin Name
1	+5V
2	NC
3	Output
4	0V
5	Input (+)
6	Input (-)



Rated Current	Output Voltage	Supply Voltage	Input Current Polarity	Response	Operating Temperature	Mounting Hole Dimensions	Digi-Key Part No.	Price Each	1	10	25	CUI Part No.
+10A	2.3V	5V	+DC only	7µS typ.	-10°C - 75°C	1.2 1.7	102-1052-ND	26.03	20.82	16.66		SCD10PUN

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