

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
8B34-1830	-200C TO +200C	0V TO +5V	3Hz	100 OHM PT RTD	PR	
8B35-1819	-100C TO +300C	0V TO +5V	3Hz	100 OHM PT RTD	PR	
8B38-1682	-5mV TO +5mV	-5V TO +5V	3HZ	STRAIN GAGE	PR	10Vexc., Full Bridge, 0.5mV/V Sensitivity
8B38-1805	-5mV TO +5mV	-5V TO +5V	50Hz	STRAIN GAGE INPUT	PR	Similar to 8B38-1682 with 50Hz BW
8B41-1634	0V TO +10V	-5V TO +5V	1kHz	VOLTAGE INPUT	PR	
8B41-1644	0mV TO 250mV	0V TO 5V	1kHz	VOLTAGE INPUT	PR	
8B41-1768	-10V TO +10V	-5V TO +5V	250Hz	VOLTAGE INPUT	PR	
8B47K-1666	-100C TO +200C	0V TO +5V	3HZ	TYPE K THERMOCOUPLE	PR	
8B47S-1802	+20 TO +1750	0V TO 5V	3Hz	TYPE S THERMOCOUPLE	PR	
8B47T-1829	-200C TO +200C	0V TO +5V	3Hz	TYPE T THERMOCOUPLE	PR	
8B51-1751	-40V TO +40V	-5V TO +5V	20kHz	VOLTAGE INPUT	PR	
8B51-1831	-200V TO +200V	-5V TO +5V	20kHz	VOLTAGE INPUT	PR	Input Resistance = 10MOhm
8B51-1832	-200V TO +200V	-5V TO +5V	20kHz	VOLTAGE INPUT	PR	Input Resistance = 1MOhm
8B51-1837	-120 TO +120	-5V TO +5V	20kHz	VOLTAGE INPUT	PR	Input Resistance = 1MOhm
DSCA30-1364	-1V TO +1V	0 TO +10V	3HZ	VOLTAGE INPUT	QU	High Rin (opa124)
DSCA30-1365	-1V TO +1V	4 TO 20mA	3HZ	VOLTAGE INPUT	QU	High Rin (opa124)
DSCA30-1390	+900mV TO +1200mV	0V TO +10V	3HZ	VOLTAGE INPUT	QU	Min. Input impedance 10Mohm
DSCA30-1494	0mV TO +50mV	0V TO +5V	1650Hz	VOLTAGE INPUT	PR	4-pole butterworth filter
DSCA31-1271	0V TO +24V	0V TO +10V	3HZ	VOLTAGE INPUT	PR	
DSCA31-1272	0V TO +48V	0V TO +10V	3HZ	VOLTAGE INPUT	PR	
DSCA31-1273	0V TO +150V	0V TO +10V	3HZ	VOLTAGE INPUT	PR	
DSCA31-1407	+1V to +5V	+1V to +5V	3HZ	VOLTAGE INPUT	PR	
DSCA31-1451	0V TO +5V	0V TO +50mV	3HZ	VOLTAGE INPUT	QU	5% Accuracy
DSCA31-1493	0V TO +20V	0V TO +5V	1650Hz	VOLTAGE INPUT	PR	4-pole butterworth filter
DSCA31-1495	-5V TO +5V	-5V TO +5V	100Hz	VOLTAGE INPUT	PR	4-pole butterworth filter
DSCA32-1418	0mA TO 1mA	4mA TO 20mA	100Hz	CURRENT INPUT	PR	
DSCA32-1469	0mA TO 1mA	0mA TO 1mA	100Hz	CURRENT INPUT	PR	
DSCA32-1514	-10mA TO +10mA	-10V TO +10V	1kHz	CURRENT INPUT	PR	
DSCA32-1825	+4mA TO +20mA	0V TO 10V	3kHz	CURRENT INPUT	PR	Similar to DSCA32-01 with 3kHz BW
DSCA33-1440	0V TO 10Vrms	0V TO 10VDC		AC VOLTAGE INPUT	PR	Calibrated at 4.5kHz (triangular wave)
DSCA33-1503	0Vrms TO 20Vrms	4mA TO 20mA		AC VOLTAGE INPUT	PR	
DSCA33-1586	0Vrms TO 1Vrms	0V TO 10V		AC VOLTAGE INPUT	PR	Input Frequency: 7 to 1kHz, Input Protection: 25Vrms
DSCA33-1642	0Vrms TO 40Vrms	0V TO 10V		AC VOLTAGE INPUT	PR	
DSCA34-1589	-50C TO +150C	0V TO +10V	3HZ	100 OHM PLATINUM RTD	PR	
DSCA37J-1346	0 TO +100C	0 TO +5V	3HZ	TYPE J THERMOCOUPLE	PR	
DSCA38-1335	-21mV TO +21mV	-10V TO +10V	8KHZ	STRAIN GAGE	PR	7Vexc., Full Bridge, 3mV/V
DSCA38-1337	0 TO +250mV	0V TO +10V	1KHZ	STRAIN GAGE	QU	5V @ 50mA exc.
DSCA38-1338	0 TO +10mV	0V TO +10V	1KHZ	STRAIN GAGE	QU	5V @ 50mA exc.
DSCA38-1348	-20mV TO +20mV	-10V TO +10V	10HZ	STRAIN GAGE	PR	10V excitation

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
DSCA38-1363	-10mV TO +10mV	-10V TO +10V	3HZ	STRAIN GAGE	PR	5V EXC., 2mV/V SENSITIVITY
DSCA38-1376	-10mV to +10mV	-10V TO +10V	250Hz	STRAIN GAGE	PR	10V Exc., 1mV/V Sensitivity
DSCA38-1377	-10mV to +10mV	-10V TO +10V	3Hz	STRAIN GAGE	PR	3.333V Exc., 3mV/V Sensitivity
DSCA38-1389	-30mV to +30mV	-10V TO +10V	3kHz	STRAIN GAGE	QU	Same as DSCA38-02 with 25% gain adjustment
DSCA38-1408	-10mV to +10mV	4mA to 20mA	3Hz	STRAIN GAGE	PR	Similar to DSCA38-08C
DSCA38-1422	-30mV TO +30mV	-10V TO +10V	8kHz	STRAIN GAGE	PR	10V Exc, 3mV/V Sensitivity, 25% Gain Adjustment
DSCA38-1455	0mV TO +2.34mV	0V TO +5V	10HZ	STRAIN GAGE	PR	10V Exc., 0.234mV/V Sensitivity
DSCA38-1468	0mV TO +20mV	-10V TO +10V	3kHz	STRAIN GAGE	PR	10V Exc., 2mV/V Sensitivity
DSCA38-1489	0mV TO +50mV	0V TO +10V	3kHz	STRAIN GAGE	QU	10V Exc., 5mV/V Sensitivity
DSCA38-1496	-500mV TO +500mV	-5V TO +5V	100Hz	STRAIN GAGE	PR	4-pole butterworth filter
DSCA38-1518	0mV TO +9.6mV	0V TO +10V	3kHz	STRAIN GAGE	PT	6V Exc., 1.6mV/V Sensitivity
DSCA38-1519	0mV TO +33.3mV	0V TO +10V	3kHz	STRAIN GAGE	PT	10V Exc., 3.33mV/V Sensitivity
DSCA38-1544	-20mV TO +20mV	-10V TO +10V	250HZ	STRAIN GAGE	PR	10V Exc., 2mV/V Sensitivity
DSCA38-1611	0mV TO +100mV	0V TO +10V	3kHz	STRAIN GAGE	PR	5V Exc., 20mV/V Sensitivity
DSCA38-1636	-100mV TO +100mV	-10V TO +10V	8kHz	STRAIN GAGE	PR	10V Exc, 10mV/V Sensitivity, 25% Gain Adjustment
DSCA38-1683	-75mV TO +75mV	-10V TO +10V	8kHz	STRAIN GAGE	PR	10V Exc, 7.5mV/V Sensitivity, 25% Gain Adjustment
DSCA39-1402	-5mA to +5mA	-5mA to +5mA	1kHz	CURRENT OUTPUT	QU	
DSCA39-1446	-10V TO +10V	-15mA to +15mA	1kHz	CURRENT OUTPUT	PR	
DSCA39-1479	-1.2mA TO +1.2mA	-1.2mA TO +1.2mA	1kHz	CURRENT OUTPUT	PR	
DSCA39-1513	-10V TO +10V	-10mA TO +10mA	1kHz	CURRENT OUTPUT	PR	
DSCA39-1577	-10V TO +10V	-7.5mA to +7.5mA	1kHz	CURRENT OUTPUT	PR	
DSCA40-1381	-50mV to +50mV	-10V TO +10V	3kHz	VOLTAGE INPUT	PR	Same as DSCA40-02 with conformal coating
DSCA40-1817	0mV TO +20mV	0V TO +10V	3kHz	VOLTAGE INPUT	PR	
DSCA41-1397	0V to +5V	0V to +5V	3kHz	VOLTAGE INPUT	PR	100 Mohm input impedance
DSCA41-1413	0V to 5V	-10V to +10V	3kHz	VOLTAGE INPUT	QU	
DSCA41-1568	-100V to +100V	-10V to +10V	3kHz	VOLTAGE INPUT	PR	2Mohm input resistance
DSCA41-1651	-10V to +10V	-10V to +10V	10kHz	VOLTAGE INPUT	PR	
DSCA42-1447	+4mA TO +20mA	0V TO 10V	3kHz	TRANSMITTER INTERFACE	PR	
DSCA43-1448	0V TO 5V	0V TO 10V	15HZ	GENERAL PURPOSE	PR	10V EXC.
DSCA43-1449	0V TO 5V	0V TO 10V	300HZ	GENERAL PURPOSE	PR	10V EXC.
DSCA45-1395	0Hz to 1500Hz	0V to 10V		FREQUENCY INPUT	PR	28mV zero-crossing threshold
DSCA47K-1360	0 TO +250C	4 TO 20mA	3HZ	TYPE K THERMOCOUPLE	PR	down scale open detect
DSCA47K-1370	0 TO +500C	4 TO 20mA	3HZ	TYPE K THERMOCOUPLE	PR	down scale open detect
DSCA47K-1371	0 TO +1000C	4 TO 20mA	3HZ	TYPE K THERMOCOUPLE	PR	down scale open detect
DSCA47K-1372	-50C TO +200C	0V TO +10V	3HZ	TYPE K THERMOCOUPLE	PR	
DSCA47K-1467	-40C TO 600C	0V TO +10V	3HZ	TYPE K THERMOCOUPLE	PR	
DSCA47K-1492	-100C TO +300C	4mA TO 20mA	3HZ	TYPE K THERMOCOUPLE	PR	
DSCA47K-1600	0F to 800F	0mA TO 20mA	100Hz	TYPE K THERMOCOUPLE	PR	
DSCA47N-1359	0 TO +1300C	4 TO 20mA	3HZ	TYPE N THERMOCOUPLE	PR	down scale open detect

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
DSCA47S-1645	0C TO +1750C	4 TO 20mA	3HZ	TYPE S THERMOCOUPLE	PR	
DSCA49-1601	-10V TO +10V	-11.2V to +11.2V	3kHz	VOLTAGE OUTPUT	PR	Output $\pm 10.2V$ to $\pm 10.8V$ @ 3kHz ( $\pm 11.2V$ @ DC)
DSCL24-11-1575	(2) 0mA to 0.1mA	(2) 4-20mA			PR	
DSCL24-11-1648	(2) 0mV to 100mV	(2) 4-20mA			PR	
DSCL24-11-1675	Ch 1: 0-20V, Ch 2: 0-1V	(2) 4-20mA			PR	
DSCL24-11-1676	Ch 1: 0-40V, Ch 2: 0-1V	(2) 4-20mA			PR	
DSCL24-12-1540	(2) 0-500mV	(2) 4-20mA			PR	
DSCL24-12-1552	(2) -0.5V TO +0.5V	(2) 0V TO 10V			PR	
DSCL24-12-1553	(1) 4-20mA, (2) 0-10V	(1) 0-10V, (2) 4-20mA			PR	
DSCL24-12-1559	(2) -0.5V TO +0.5V	(2) -10V to +10V			PR	
DSCL24-12-1617	(2) 4mA to 20mA	(1)0-20mA,(2)4-20mA			PR	
DSCL24-12-1618	(2) 4mA to 20mA	(2) 0V TO 10V			PR	
DSCL24-12-1626	(1) 4-20mA, (2) 0-100mV	(1) 0-100mV, (2) 4-20mA			PR	
DSCL24-21-1543	(1) 4-20mA	(2) 4-20mA			OB	
DSCL24-22-1538	(1) 4-20mA	(2) 0V TO 10V			OB	
DSCL24-22-1545	(1) 4-20mA	(2) 4-20mA			OB	
DSCP20-1677	+25C to +2200C	4-20mA			PR	
DSCP80-03-1510	0C TO 150C	0V TO +5V		TYPE K THERMOCOUPLE	OB	Open Input Response 100% (+5V)
DSCP81-01-1680	0-1000V	0-5V			PR	
DSCT47K-1424	0C TO +250C	4mA TO 20mA	3Hz	TYPE K THERMOCOUPLE	PR	Down Scale Open TC
DSCT47K-1425	0C TO +500C	4mA TO 20mA	3Hz	TYPE K THERMOCOUPLE	PR	Down Scale Open TC
DSCT47K-1426	0C TO +1000C	4mA TO 20mA	3Hz	TYPE K THERMOCOUPLE	PR	Down Scale Open TC
DSCT47N-1427	0C TO +1300C	4mA TO 20mA	3Hz	TYPE N THERMOCOUPLE	PR	Down Scale Open TC
LDM2485BPJ11382					OB	Same as LDM2485B with Full-duplex control 4-wire Multi-drop
LDM2485Bx-1473					OB	DIP-switch configured at the factory
LDM35-S-1349					OB	-20C TO +85C, CONF. COATING, DCE ONLY
LDM422-1077					QU	18V AC INPUT POWER
LDM422-P-1417					PR	SAME LDM422-P with extended operating temperatue of -40C to +80C
LDM485-S-1207					OB	-40C TO +70C, CONF. COAT, DCE, CASE AND SIG. GRD NC, TERM NET IN
LDM485-S-1208					OB	-40C TO +70C, CONF. COAT, DCE, CASE AND SIG. GRD NC, TERM NET OUT
LDM485-S-1565					PR	Rated for operation over -40C to +70C
SCM5B-1369					QU	REFERENCE MODULE W/OUTPUT SWITCH +5V +/- 0.1% MAX OUT
SCM5B30-1063	-100mV TO +100mV	+1V TO +5V	4HZ	VOLTAGE INPUT	PR	
SCM5B30-1064	0mV TO +30mV	-5V TO +5V	4HZ	VOLTAGE INPUT	QU	
SCM5B30-1080	0mV TO +50mV	0V TO +5V	4HZ	VOLTAGE INPUT	PR	
SCM5B30-1108	0mV TO +30mV	-5V TO +5V	4HZ	VOLTAGE INPUT	PR	Same as 30-1064

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM5B30-1136	-5mV TO +5mV	-4.65V TO +4.65V	5HZ	VOLTAGE INPUT	PR	3-pole filter
SCM5B30-1147	0mV TO +100mV	0V TO +5V	30HZ	VOLTAGE INPUT	PR	
SCM5B30-1202	-100mV TO +100mV	-5V TO +5V	1.8KHZ	VOLTAGE INPUT	PR	4-pole butterworth filter
SCM5B30-1237	-250mV TO +250mV	-2.5V TO +2.5V	4HZ	VOLTAGE INPUT	QU	
SCM5B30-1353	-100mV TO +100mV	-5V TO +5V	250HZ	VOLTAGE INPUT	PR	
SCM5B30-1419	-25mV TO +25mV	-5V TO +5V	1.8kHz	VOLTAGE INPUT	PR	
SCM5B30-1428	-25mV TO +25mV	-5V TO +5V	109Hz	VOLTAGE INPUT	PR	
SCM5B30-1461	0mV TO +10mV	-5V TO +5V	4HZ	VOLTAGE INPUT	PR	Open input to +5.8V
SCM5B30-1491	0mV TO +30mV	0V TO +5V	4HZ	VOLTAGE INPUT	PR	Open input to +5.8V
SCM5B30-1520	0mV TO +20mV	-5V TO +5V	4HZ	VOLTAGE INPUT	PR	Open input to +5.8V
SCM5B30-1585	-50mV TO +50mV	-10V TO +10V	12HZ	VOLTAGE INPUT	PR	
SCM5B30-1591	-50mV TO +50mV	-10V TO +10V	12HZ	VOLTAGE INPUT	PR	No input pole, 1.7% over-shoot (@ 6Hz)
SCM5B30-1694	-100mV TO +100mV	-10V TO +10V	10HZ	VOLTAGE INPUT	PR	
SCM5B31-1009	-10V TO +10V	-5V TO +5V	100HZ	VOLTAGE INPUT	PR	
SCM5B31-1013	0V TO +2V	0V TO +5V	4HZ	VOLTAGE INPUT	PR	10M Ohm Input Impedance
SCM5B31-1016	0V TO +10V	0V TO +5V	4HZ	VOLTAGE INPUT	QU	
SCM5B31-1025	-5V TO +5V	-5V TO +5V	480HZ	VOLTAGE INPUT	PR	
SCM5B31-1065	0V TO +2.5V	-5V TO +5V	4HZ	VOLTAGE INPUT	QU	
SCM5B31-1069	-5V TO +5V	0V TO +5V	120HZ	VOLTAGE INPUT	PR	1M Ohm Input Impedance
SCM5B31-1070	-10V TO +10V	0V TO +5V	120HZ	VOLTAGE INPUT	PR	1M Ohm Input Impedance
SCM5B31-1071	-3V TO +3V	0V TO +5V	4HZ	VOLTAGE INPUT	QU	
SCM5B31-1076	-5V TO +5V	-5V TO +5V	4Hz	VOLTAGE INPUT	PR	1M Ohm Input Impedance
SCM5B31-1078	-10V TO +10V	-5V TO +5V	400HZ	VOLTAGE INPUT	PR	
SCM5B31-1089	0V TO +6V	-5V TO +5V	4HZ	VOLTAGE INPUT	QU	
SCM5B31-1092	-10V TO +10V	-10V TO +10V	1KHZ	VOLTAGE INPUT	PR	
SCM5B31-1093	-5V TO +5V	-10V TO +10V	1KHZ	VOLTAGE INPUT	PR	
SCM5B31-1094	-1V TO +1V	-10V TO +10V	1KHZ	VOLTAGE INPUT	PR	2M Ohm Input Impedance
SCM5B31-1109	0V TO +5V	-5V TO +5V	4HZ	VOLTAGE INPUT	PR	
SCM5B31-1131	+/-2.5V, +/-5V, +/-10V	-5V TO +5V	11HZ	THREE INPUT RANGES	PR	Bessel (Thomson) filter
SCM5B31-1137	0V TO +15V	-5V TO +5V	1KHZ	VOLTAGE INPUT	PR	
SCM5B31-1158	-10V TO +10V	-5V TO +5V	15HZ	VOLTAGE INPUT	PR	
SCM5B31-1159	-10V TO +10V	-10V TO +10V	50HZ	VOLTAGE INPUT	PR	
SCM5B31-1171	0V TO +10V	+1V TO +5V	4HZ	VOLTAGE INPUT	QU	
SCM5B31-1172	-1V TO +1V	-5V TO +5V	11HZ	VOLTAGE INPUT	PR	Bessel (Thomson) filter
SCM5B31-1197	-20V TO +20V	-5V TO +5V	30HZ	VOLTAGE INPUT	PR	
SCM5B31-1201	-10V TO +10V	0V TO +5V	100HZ	VOLTAGE INPUT	PR	
SCM5B31-1217	-10V TO +10V	-5V TO +5V	10HZ	VOLTAGE INPUT	PR	
SCM5B31-1218	0V TO +10V	0V TO +5V	0.5HZ	VOLTAGE INPUT	PR	1.5mV Accurate at 5V input
SCM5B31-1233	-5V TO +5V	-5V TO +5V	10HZ	VOLTAGE INPUT	PR	

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM5B31-1242	-1V TO +1V	-5V TO +5V	4HZ	VOLTAGE INPUT	PR	200MOhm input impedance
SCM5B31-1245	0 TO 50V	0V TO +10V	0.5HZ	VOLTAGE INPUT	PR	
SCM5B31-1249	-5V TO +5V	-5V TO +5V	400HZ	VOLTAGE INPUT	PR	+/- 0.03% accurate upon shipment
SCM5B31-1252	-5V TO +5V	-5V TO +5V	4HZ	VOLTAGE INPUT	PT	+/- 0.03% accurate upon shipment
SCM5B31-1261	0 TO 30V	-5V TO +5V	4HZ	VOLTAGE INPUT	PR	
SCM5B31-1266	0 TO +10V	0 TO +10V	4HZ	VOLTAGE INPUT	PR	Built same as SCM5B31-03D
SCM5B31-1267	0 TO +20V	0 TO +10V	4HZ	VOLTAGE INPUT	QU	Built same as SCM5B31-07D
SCM5B31-1268	0 TO +1V	0 TO +10V	4HZ	VOLTAGE INPUT	QU	Built same as SCM5B31-01D
SCM5B31-1275	-10V TO +10V	-10 TO +10V	20HZ	VOLTAGE INPUT	PR	
SCM5B31-1276	-10V TO +10V	-5V TO +5V	10HZ	VOLTAGE INPUT	PR	min phase requirements
SCM5B31-1305	+1 TO +5V	+0.5V TO +4.5V	4HZ	VOLTAGE INPUT	QU	
SCM5B31-1306	+0.4V TO +2V	+0.5V TO +4.5V	4HZ	VOLTAGE INPUT	QU	
SCM5B31-1307	-6V TO +6V	+0.5V TO +4.5V	4HZ	VOLTAGE INPUT	QU	
SCM5B31-1308	-10V TO +10V	+0.5V TO +4.5V	4HZ	VOLTAGE INPUT	QU	
SCM5B31-1309	0 TO +10V	+0.5V TO +4.5V	4HZ	VOLTAGE INPUT	QU	
SCM5B31-1310	-5V TO +5V	+0.5V TO +4.5V	4HZ	VOLTAGE INPUT	QU	
SCM5B31-1311	0 TO 2V	+0.5V TO +4.5V	4HZ	VOLTAGE INPUT	QU	
SCM5B31-1312	-0.9V TO +6.3	+0.5V TO +4.5V	4HZ	VOLTAGE INPUT	QU	
SCM5B31-1344	-5V TO +5V	-5V TO +5V	1HZ	VOLTAGE INPUT	QU	high output impedance (low noise)
SCM5B31-1347	-1V TO +1V	-5V TO +5V	100HZ	VOLTAGE INPUT	PR	Bessel (Thomson) filter
SCM5B31-1350	0 TO +50V	0 TO +2.5V	0.5HZ	VOLTAGE INPUT	PR	+/-0.05% max error @ Vin =5V
SCM5B31-1351	0 TO +10V	0 TO +2.5V	0.5HZ	VOLTAGE INPUT	PR	+/-0.03% max error @ Vin =5V
SCM5B31-1354	0 TO +5V	0 TO +5V	4HZ	VOLTAGE INPUT	PR	
SCM5B31-1355	-2V TO +2V	-5V TO +5V	4HZ	VOLTAGE INPUT	PR	
SCM5B31-1367	-5V TO +5V	-5V TO +5V	30HZ	VOLTAGE INPUT	PR	
SCM5B31-1388	-2V to +2V	-5V TO +5V	250Hz	VOLTAGE INPUT	PR	
SCM5B31-1391	-3V to +3V	-5V TO +5V	4Hz	VOLTAGE INPUT	QU	
SCM5B31-1393	-1V to +1V	0V TO +5V	100Hz	VOLTAGE INPUT	PR	
SCM5B31-1394	-5V TO +5V	0V TO +5V	100Hz	VOLTAGE INPUT	PR	
SCM5B31-1400	-10V TO +10V	-5V TO +5V	200Hz	VOLTAGE INPUT	PR	
SCM5B31-1420	-10V TO +10V	-5V TO +5V	1.8kHz	VOLTAGE INPUT	PR	
SCM5B31-1421	-15V TO +15V	-5V TO +5V	4Hz	VOLTAGE INPUT	PR	
SCM5B31-1462	0V TO +1V	-5V TO +5V	4HZ	VOLTAGE INPUT	PR	Open input to -5V
SCM5B31-1485	0V TO +20V	-5V TO +5V	4Hz	VOLTAGE INPUT	PR	Open input to -5V
SCM5B31-1497	0V TO +10V	-5V TO +5V	4Hz	VOLTAGE INPUT	PR	Open input to -5V
SCM5B31-1511	-1V TO +1V	-5V TO +5V	10Hz	VOLTAGE INPUT	PR	
SCM5B31-1517	0V TO +3.5V	-5V TO +5V	4HZ	VOLTAGE INPUT	PR	Open input to -5V
SCM5B31-1521	0V TO +3V	-5V TO +5V	4HZ	VOLTAGE INPUT	PR	Open input to -5V
SCM5B31-1615	0V TO +50V	0V TO +2.5V	10HZ	VOLTAGE INPUT	PR	Output voltage limit -0.7V to +5.1V

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM5B31-1818	-5V TO +5V	-5V TO +5V	100Hz	VOLTAGE INPUT	PR	
SCM5B31-C087	0V TO +50V	0V TO +5V	4HZ	VOLTAGE INPUT	PR	2M Ohm Input Impedance
SCM5B31-C088	0V TO +100V	0V TO +5V	4HZ	HIGH VOLTAGE INPUT	PR	
SCM5B31-C091	-1V TO +1V	-5V TO +5V	120HZ	VOLTAGE INPUT	PR	2M Ohm Input Impedance
SCM5B31-C092	0V TO +50V	0V TO +5V	0.5HZ	VOLTAGE INPUT	PR	
SCM5B31-C093	0V TO +20V	0V TO +5V	4HZ	VOLTAGE INPUT	PR	
SCM5B32-1005	4mA TO 20mA	-10V TO +10V	1KHZ	CURRENT INPUT	PR	Output disabled for 0mA in
SCM5B32-1043	4mA TO 20mA	0V TO +10V	1KHZ	CURRENT INPUT	QU	Similar to 32-1005
SCM5B32-1066	4mA TO 20mA	-5V TO +5V	4HZ	CURRENT INPUT	QU	
SCM5B32-1091	4mA TO 20mA	+1V TO +5V	4HZ	CURRENT INPUT	PT	Vsupply = 14V to 35V
SCM5B32-1095	0mA TO 20mA	-10V TO +10V	1KHZ	CURRENT INPUT	QU	
SCM5B32-1096	4mA TO 20mA	-10V TO +10V	4HZ	CURRENT INPUT	PR	
SCM5B32-1097	0mA TO 20mA	-10V TO +10V	4HZ	CURRENT INPUT	QU	
SCM5B32-1107	4mA TO 20mA	0V TO +5V	100HZ	CURRENT INPUT	PR	
SCM5B32-1110	4mA TO 20mA	-5V TO +5V	4HZ	CURRENT INPUT	PR	Same as SCM5B392-12, 32-1066
SCM5B32-1114	4mA TO 20mA	-10V TO +10V	1KHZ	CURRENT INPUT	PR	same as SCM5B392-14
SCM5B32-1119	0mA TO 20mA	0V TO +5V	100HZ	CURRENT INPUT	PR	
SCM5B32-1398	4mA TO 20mA	0V TO +2.5V	0.5Hz	CURRENT INPUT	PR	
SCM5B32-1401	-20mA TO +20mA	-10V TO +10V	4Hz	CURRENT INPUT	QU	
SCM5B32-1404	4mA TO 20mA	0V TO +5V	5kHz	CURRENT INPUT	QU	
SCM5B32-1476	-10mA TO +10mA	-5V TO +5V	10kHz	CURRENT INPUT	PR	
SCM5B32-1522	0mA TO 20mA	-5V TO +5V	4HZ	CURRENT INPUT	PR	Open input to -5V
SCM5B32-1557	4mA TO 20mA	0V TO -10V	4HZ	CURRENT INPUT	QU	Inverted Output (0V to -10V)
SCM5B32-1616	0mA TO 20mA	0V TO +2.5V	10HZ	CURRENT INPUT	PR	Output voltage limit -0.7V to +5.1V
SCM5B33-1149	0mA TO 300mA AC	0V TO +10VDC		AC CURRENT INPUT	QU	95HZ signal frequency
SCM5B33-1434	0V TO 10Vrms	0V TO 10VDC		AC VOLTAGE INPUT	PR	Same as SCM5B33-03D, calibrated @ 3kHz
SCM5B34-1029	77K TO 150K	0V TO +5V	4HZ	100 OHM PLATINUM RTD	QU	
SCM5B34-1030	77K TO 300K	0V TO +5V	4HZ	100 OHM PLATINUM RTD	QU	
SCM5B34-1031	77K TO 150K	0V TO +5V	4HZ	1K OHM PLATINUM RTD	QU	
SCM5B34-1032	77K TO 300K	0V TO +5V	4HZ	1K OHM PLATINUM RTD	QU	
SCM5B34-1045	-50C TO +200C	0V TO +5V	4Hz	100 OHM PLATINUM RTD	PR	0.38C accurate
SCM5B34-1054	0C TO +300C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	0.33C accurate
SCM5B34-1055	0C TO +100C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	0.16C accurate
SCM5B34-1056	0C TO +200C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	0.24C accurate
SCM5B34-1062	0C TO +200C	+1V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	
SCM5B34-1072	0F TO +100F	0V TO +5V	4HZ	100 OHM PLATINUM RTD	QU	
SCM5B34-1106	0C TO 80C	0.5V TO 4.5V	4HZ	600 OHM PLATINUM RTD	PR	
SCM5B34-1120	-60F TO +800F	0V TO +5V	4HZ	50 OHM PLATINUM RTD	PR	alpha =.00392 I=.5mA
SCM5B34-1121	-60F TO +800F	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	alpha =.00392

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM5B34-1229	0F TO +500F	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	
SCM5B34-1230	0F TO +500F	0V TO +5V	4HZ	LEWIS NICKEL RTD	PR	
SCM5B34-1263	0 TO 40C	0 TO +5V	4HZ	100 OHM PLATINUM RTD	QU	> 0.3mA excitation current
SCM5B34-1277	-250F TO +250F	0 TO +5V	4HZ	500 OHM PLATINUM RTD	PR	
SCM5B34-1278	+32F TO +212F	0 TO +5V	4HZ	500 OHM PLATINUM RTD	PR	
SCM5B34-1279	+32F TO +1152F	0 TO +5V	4HZ	500 OHM PLATINUM RTD	PR	
SCM5B34-1292	-100 TO +200C	0 TO +5V	4HZ	100 OHM PLATINUM RTD	QU	
SCM5B34-1302	+32F TO +392F	0V TO +5V	4HZ	500 OHM PLATINUM RTD	PR	
SCM5B34-1313	195 TO 450 OHM	+0.5V TO +4.5V	4HZ	THERMISTOR	QU	
SCM5B34-1314	0C TO 20C	+0.5V TO +4.5V	4HZ	100 OHM PLATINUM RTD	QU	
SCM5B34-1315	0C TO 60C	+0.5V TO +4.5V	4HZ	100 OHM PLATINUM RTD	QU	
SCM5B34-1316	0C TO 100C	+0.5V TO +4.5V	4HZ	100 OHM PLATINUM RTD	QU	
SCM5B34-1317	0C TO 155C	+0.5V TO +4.5V	4HZ	100 OHM PLATINUM RTD	QU	
SCM5B34-1318	0C TO 200C	+0.5V TO +4.5V	4HZ	100 OHM PLATINUM RTD	QU	
SCM5B34-1319	0C TO 270C	+0.5V TO +4.5V	4HZ	100 OHM PLATINUM RTD	QU	
SCM5B34-1320	0C TO 400C	+0.5V TO +4.5V	4HZ	100 OHM PLATINUM RTD	QU	
SCM5B34-1321	0C TO 320C	+0.5V TO +4.5V	4HZ	100 OHM PLATINUM RTD	QU	
SCM5B34-1322	0C TO 100C	+0.5V TO +4.5V	4HZ	200 OHM PLATINUM RTD	QU	
SCM5B34-1323	0C TO 200C	+0.5V TO +4.5V	4HZ	200 OHM PLATINUM RTD	QU	
SCM5B34-1324	0C TO 320C	+0.5V TO +4.5V	4HZ	200 OHM PLATINUM RTD	QU	
SCM5B34-1331	0C TO +1000C	0V TO +5V	4HZ	1000 OHM PLATINUM RTD	QU	
SCM5B34-1445	-65F TO +300F	0V TO 5V	4HZ	500 OHM PLATINUM RTD	PR	
SCM5B34-1464	-50C TO +250C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	
SCM5B34-1502	0C TO +100C	0V TO +5V	4Hz	100 OHM PLATINUM RTD	PR	Same as SCM5B34-02T, without open input detection
SCM5B34-1505	-175F TO +600F	0V TO +5V	4Hz	100 OHM PLATINUM RTD	PR	
SCM5B34-1507T	0C TO +200C	0V TO +5V	4Hz	100 OHM PLATINUM RTD	QU	Same as SCM5B34-03T, without open input detection
SCM5B34-1529	0C TO +200C	0V TO +5V	4Hz	1000 OHM PLATINUM RTD	PT	Same as A5B34-03-5021
SCM5B34-1537	-200C TO +400C	0V TO +5V	4Hz	100 OHM PLATINUM RTD	PR	
SCM5B34-1562	-200C TO +100C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	
SCM5B34-1567	0C TO +200C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	Alfa = 0.00392
SCM5B34-1622	0C TO +100C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	Open input to upscale
SCM5B34-1623	-100C TO +100C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	Open input to upscale
SCM5B34-1624	0C TO +200C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	Open input to upscale
SCM5B34C-1526	0C TO +160C	0V TO +5V	4HZ	10 OHM COPPER RTD	PR	0.32C accurate
SCM5B34N-1053	+10C TO +150C	0V TO +5V	4HZ	120 OHM NICKEL RTD	PR	0.17C accurate
SCM5B34N-1115	-30F TO +200F	0V TO +5V	4HZ	120 OHM NICKEL RTD	PR	
SCM5B34T-1157	-12C TO +50C	0V TO +5V	4HZ	5KOHM THERMISTOR	PR	1.8K OHM TO 30K OHM IN
SCM5B34T-1383	+10C TO +50C	0V TO +10V	4Hz	THERMISTOR INPUT	QU	Fenwal 112-202EAJ-B01 Thermister
SCM5B34T-C001	+150C TO +25C	0V TO +5V	4HZ	THERMISTOR INPUT	PR	Non-linearized

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM5B35-1002	-130C TO +130C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	4-wire RTD
SCM5B35-1003	-30C TO +230C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	4-wire RTD
SCM5B35-1004	-90C TO +690C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	4-wire RTD
SCM5B35-1148	0C TO +300C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	4-wire RTD, 0.33C ACC.
SCM5B35-1193	0C TO +370C	0V TO +10V	4HZ	ROSEMOUNT E1 PRT	PR	100 OHM @ 0C
SCM5B35-1204	-50C to +200C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	
SCM5B35-1250	0 TO +150C	0V TO +10V	4HZ	ROSEMOUNT R1 RTD	PR	
SCM5B35-1438	+15C TO +270C	0V TO +5V	1kHz	100 OHM PLATINUM RTD	PR	
SCM5B35-1450	-100C TO +200C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	
SCM5B35-1453	-25C TO +75C	0V TO +10V	4HZ	100 OHM PLATINUM RTD	PR	
SCM5B35-1475	-150C TO +300C	0V TO +5V	4HZ	100 OHM PLATINUM RTD	PR	
SCM5B35-1478	-29C TO -9C	0V TO 5V	100HZ	100 OHM PLATINUM RTD	PR	1mA Sensor Excitation Current
SCM5B35-1760	+260C TO +350C	0V TO 10V	4Hz	100 OHM PLATINUM RTD	PR	
SCM5B35-1761	0C TO +350C	0V TO 10V	4Hz	100 OHM PLATINUM RTD	PR	
SCM5B36-1154	-453F TO +150F	0V TO +10V	4HZ	PT118MG PLATINUM RTD	PR	
SCM5B36-1219	0 TO 2K OHM	0V TO +5V	4HZ	POTENTIOMETER	QU	
SCM5B36-1220	0 TO 5K OHM	0V TO +5V	4HZ	POTENTIOMETER	QU	
SCM5B36-1227	0 TO 100 OHM	0V TO +5V	20HZ	POTENTIOMETER	PR	
SCM5B36-1228	0 TO 500 OHM	0V TO +5V	100HZ	POTENTIOMETER	PR	
SCM5B36-1236	0 TO 10K OHM	0V TO +5V	100HZ	POTENTIOMETER	PR	
SCM5B36-1439	0 TO 500 OHM	0V TO +5V	4Hz	POTENTIOMETER	PR	0.1mA sensor excitation current
SCM5B36-1532	0 TO 20K OHM	0V TO +5V	4Hz	POTENTIOMETER	PR	
SCM5B37-1325	+20C TO +155C	+0.5V TO +4.5V	4HZ	Fe THERMOCOUPLE	QU	
SCM5B37-1326	0C TO +200C	+0.5V TO +4.5V	4HZ	Cu THERMOCOUPLE	QU	
SCM5B37C-1244	+1000C TO +2320C	0V TO +5V	4HZ	TYPE C THERMOCOUPLE	PR	
SCM5B37E-1111	0C TO +150C	-5V TO +5V	4HZ	TYPE E THERMOCOUPLE	PR	
SCM5B37E-1225	-100C TO 800C	0V TO +10V	4HZ	TYPE E THERMOCOUPLE	PR	
SCM5B37E-1486	0F TO 1400F	-5V TO +5V	4Hz	TYPE E THERMOCOUPLE	PR	Open input response +5.8V
SCM5B37E-1487	+32F TO +392F	-5V TO +5V	4Hz	TYPE E THERMOCOUPLE	PR	Open input response +5.8V
SCM5B37E-1603	0C TO +900C	-5V TO +5V	4Hz	TYPE E THERMOCOUPLE	PR	Open input response +5.8V
SCM5B37J-1112	0C TO +150C	-5V TO +5V	4HZ	TYPE J THERMOCOUPLE	QU	
SCM5B37J-1274	0 TO +100C	0V TO +5V	4HZ	TYPE J THERMOCOUPLE	PR	
SCM5B37J-1356	0C TO +500C	0V TO +5V	4HZ	TYPE J THERMOCOUPLE	PR	
SCM5B37J-1465	0C TO +200C	-5V TO +5V	4HZ	TYPE J THERMOCOUPLE	PR	
SCM5B37J-1488	-100C TO +760C	-5V TO +5V	4HZ	TYPE J THERMOCOUPLE	PR	Open input response +5.8V
SCM5B37J-1504	0F TO +350F	0V TO +5V	4Hz	TYPE J THERMOCOUPLE	PR	
SCM5B37K-1122	0C TO +500C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	QU	Output Clamp Circuit
SCM5B37K-1127	0C TO +1350C	0V TO +5V	4HZ	PLATINEL THERMOCOUPLE	PR	
SCM5B37K-1200	0C TO +1000C	0V TO +5V	100HZ	TYPE K THERMOCOUPLE	PR	+/-0.03% accurate



# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM5B37K-1214	-100C TO +300C	0V TO +5V	100HZ	TYPE K THERMOCOUPLE	PR	
SCM5B37K-1280	-70F TO 400F	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B37K-1281	-70F TO 400F	0V TO +5V	10HZ	TYPE K THERMOCOUPLE	PR	min phase requirements
SCM5B37K-1282	-70F TO 800F	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B37K-1283	-70F TO 1500F	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B37K-1406	-50C TO +200C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	QU	
SCM5B37K-1523	0C TO +1000C	-5V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	Open input response +5.8V
SCM5B37K-1530	-50C TO +600C	-0.46V TO +6.16V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B37K-1604	0C TO +200C	-5V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	Open input response +5.8V
SCM5B37K-C0008	0C TO +500C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B37KN	-100C TO +1350C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	No CJC
SCM5B37T-1058	-60C TO +210C	0V TO +5V	4HZ	TYPE T THERMOCOUPLE	PR	
SCM5B37T-1075	-50C TO +100C	-4V TO +4V	4HZ	TYPE T THERMOCOUPLE	PR	
SCM5B37T-1605	-100F TO +300F	-5V TO +5V	4HZ	TYPE T THERMOCOUPLE	PR	Open input response +5.8V
SCM5B37T-1660	-320F TO +150F	0V TO +5V	4HZ	TYPE T THERMOCOUPLE	PR	
SCM5B37T-C0007	-300F TO +150F	0V TO +5V	4HZ	TYPE T THERMOCOUPLE	PR	
SCM5B38-1012	-120mV TO +120mV	-5V TO +5V	10KHZ	STRAIN GAGE	PR	10V Excitation, Full Bridge
SCM5B38-1037	-30mV TO +30mV	-5V TO +5V	25HZ	STRAIN GAGE	QU	10V Exc., Full Bridge
SCM5B38-1038	-30mV TO +30mV	-5V TO +5V	50HZ	STRAIN GAGE	QU	10V Exc., Full Bridge
SCM5B38-1039	-30mV TO +30mV	-5V TO +5V	100HZ	STRAIN GAGE	QU	10V Exc., Full Bridge
SCM5B38-1040	-30mV TO +30mV	-5V TO +5V	200HZ	STRAIN GAGE	QU	10V Exc., Full Bridge
SCM5B38-1059	-10mV to +10mV	-5V TO +5V	10KHZ	STRAIN GAGE	PR	5V Excitation, Full Bridge
SCM5B38-1083	-30mV TO +30mV	-5V TO +5V	120HZ	STRAIN GAGE	PR	10V Excitation, Full Bridge
SCM5B38-1084	-20mV TO +20mV	-5V TO +5V	120HZ	STRAIN GAGE	PR	10V Excitation, Full Bridge
SCM5B38-1087	-10mV TO +10mV	-5V TO +5V	200HZ	STRAIN GAGE	PR	3.333V Excitation, Full Bridge
SCM5B38-1088	-30mV TO +30mV	0V TO +5V	4KHZ	STRAIN GAGE	QU	10V Exc., Full Bridge
SCM5B38-1126	-30mV TO +30mV	0V TO +5V	10KHZ	STRAIN GAGE	PR	10V Excitation, Full Bridge
SCM5B38-1128	-20mV TO +20mV	0V TO +5V	120HZ	STRAIN GAGE	PR	10V Excitation, Full Bridge
SCM5B38-1129	-20mV TO +20mV	-5V TO +5V	30HZ	STRAIN GAGE	PR	10V Excitation, Full Bridge
SCM5B38-1132	-5mV TO +5mV	-5V TO +5V	10KHZ	STRAIN GAGE	PR	10V Excitation, Full Bridge
SCM5B38-1134	-100 TO +100mV	-5V TO +5V	2.5KHZ	STRAIN GAGE	PR	10V Excitation, Full Bridge
SCM5B38-1146	0mV TO +10mV	-5V TO +5V	4HZ	STRAIN GAGE	PR	10V Exc, 1mV/V Sensitivity, Full Bridge
SCM5B38-1150	-10mV TO +10mV	-5V TO +5V	10KHZ	STRAIN GAGE	PR	2V Exc, 5mV/V Sensitivity, Full Bridge
SCM5B38-1151	-20mV TO +20mV	-5V TO +5V	10KHZ	STRAIN GAGE	PR	2V Exc, 10mV/V Sensitivity, Full Bridge
SCM5B38-1156	-70mV TO +70mV	-5V TO +5V	10KHZ	STRAIN GAGE	PR	10V Excitation, 7mV/V Sensitivity, Full Bridge
SCM5B38-1161	-10mV TO +10mV	-5V TO +5V	10KHZ	STRAIN GAGE	PR	3.333V Exc, 3mV/V Sensitivity, Full Bridge
SCM5B38-1184	-10mV TO +10mV	-5V TO +5V	10KHZ	STRAIN GAGE	PR	10V Exc., 1mV/V Sensitivity, Full Bridge
SCM5B38-1212	-20mV TO +20mV	0V TO +5V	4HZ	STRAIN GAGE	PR	10V Exc., Full Bridge
SCM5B38-1221	-10mV TO +10mV	-5V TO +5V	1KHZ	STRAIN GAGE	QU	10V Exc., 4 pole butterworth, Full Bridge

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM5B38-1222	-20mV TO +20mV	-5V TO +5V	1650HZ	STRAIN GAGE	PT	10V Exc., 4 pole butterworth, Full Bridge
SCM5B38-1223	-200mV TO +200mV	-5V TO +5V	1650HZ	STRAIN GAGE	QU	10V Exc., 4 pole butterworth, Full Bridge
SCM5B38-1232	0V TO +30mV	-5V TO +5V	4HZ	STRAIN GAGE	PR	10V Exc., Full Bridge
SCM5B38-1235	-10mV TO +10mV	-5V TO +5V	10KHZ	STRAIN GAGE	QU	same as SCM5B38-1184, Full Bridge
SCM5B38-1260	-100mV TO +100mV	-5V TO +5V	20KHZ	STRAIN GAGE	QU	5V Excitation, Full Bridge
SCM5B38-1264	-5mV TO +5mV	-5V TO +5V	10KHZ	STRAIN GAGE	QU	5V Excitation, half bridge
SCM5B38-1284	-30mV TO +30mV	-5V TO +5V	10HZ	STRAIN GAGE	PR	10V Exc., full bridge, min phase req.
SCM5B38-1285	-30mV TO +30mV	-5V TO +5V	20HZ	STRAIN GAGE	PR	10V Exc., full bridge, min phase req.
SCM5B38-1286	-10mV TO +10mV	-5V TO +5V	100HZ	STRAIN GAGE	QU	10V Excitation, full bridge
SCM5B38-1287	-166mV TO 166mV	-5V TO +5V	10KHZ	STRAIN GAGE	PR	3.333V Excitation, half bridge, 50mV/V
SCM5B38-1289	-30mV TO +30mV	-5V TO +5V	800HZ	STRAIN GAGE	PR	10V Excitation, full bridge, 3mV/V
SCM5B38-1290	-20mV TO +20mV	-5V TO +5V	800HZ	STRAIN GAGE	PR	10V Excitation, full bridge, 2mV/V
SCM5B38-1298	-2.5mV TO +2.5mV	-5V TO +5V	5KHZ	STRAIN GAGE	PR	3.333V Exc., Full Bridge
SCM5B38-1327	-40mV TO +40mV	-5V TO +5V	4HZ	STRAIN GAGE	PR	10Vexc., Full Bridge, 4mV/V
SCM5B38-1328	-10mV TO +10mV	-10V TO +10V	10KHZ	STRAIN GAGE	QU	10Vexc., Full Bridge, 1mV/V
SCM5B38-1334	-10mV TO +10mV	-10V TO +10V	2.5KHZ	STRAIN GAGE	PR	10V Exc., 1mV/V Sensitivity, Full Bridge
SCM5B38-1340	-1V TO +1V	-5V TO +5V	4HZ	STRAIN GAGE	PR	10Vexc., Half Bridge, 100mV/V
SCM5B38-1345	-30mV TO +30mV	-5V TO +5V	4HZ	STRAIN GAGE	PR	10V Exc., +/-0.03% Accurate, Full Bridge
SCM5B38-1499	-250mV TO +250mV	-5V TO +5V	10kHz	STRAIN GAGE	PR	5V Exc., 50mV/V Sensitivity, Full Bridge
SCM5B38-1512	-10mV TO +10mV	-5V TO +5V	10Hz	STRAIN GAGE	PR	3.333V Exc., 3mV/V Sensitivity, Full Bridge
SCM5B38-1560	-20mV TO +20mV	-5V TO +5V	30Hz	STRAIN GAGE	PR	10V Exc., 2mV/V Sensitivity, HALF BRIDGE INPUT
SCM5B38-1571	-50mV TO +50mV	-5V TO +5V	10KHZ	STRAIN GAGE	PR	10V Excitation, full bridge, 5mV/V
SCM5B38-1581	-20mV TO +20mV	-10V TO +10V	250HZ	STRAIN GAGE	PR	10V Excitation, full bridge, 2mV/V
SCM5B38-1593	-10mV TO +10mV	-5V TO +5V	2kHz	STRAIN GAGE	PR	10V Excitation, full bridge, 1mV/V
SCM5B38-1620	-10mV TO +10mV	-5V TO +5V	10KHZ	STRAIN GAGE	PR	Similar to 5B38-1184, Full Bridge, Bridge Impedance 4.5kOhm
SCM5B38-1627	-30mV TO +30mV	-10V TO +10V	100HZ	STRAIN GAGE	PR	10V Excitation, full bridge, 3mV/V
SCM5B38-1633	-20mV TO +20mV	-10V TO +10V	2KHZ	STRAIN GAGE	PR	10V Excitation, full bridge, 2mV/V
SCM5B38-1785	-50mV TO +50mV	-10V TO +10V	10kHz	STRAIN GAGE INPUT	PR	10V Exc., Full Bridge
SCM5B38-1788	-100mV TO +100mV	-5V TO +5V	4Hz	STRAIN GAGE INPUT	PR	EXC: 50+/-10 uA, -EXC shorted to -IN., NOT BRIDGE Input
SCM5B38-1800	-50mV TO +50mV	-10V TO +10V	10kHz	STRAIN GAGE INPUT	PR	Same as SCM5B38-1785
SCM5B39-1006	-10V TO +10V	4 TO 20mA	1KHZ	CURRENT OUTPUT	PR	
SCM5B39-1007	0V TO +10V	4 TO 20mA	1KHZ	CURRENT OUTPUT	PR	
SCM5B39-1008	-10V TO +10V	4 TO 20mA	4KHZ	CURRENT OUTPUT	PR	
SCM5B39-1018	0V TO +5V	0mA TO 1mA	4KHZ	CURRENT OUTPUT	PR	
SCM5B39-1019	0V TO +10V	1mA TO 20mA	1KHZ	CURRENT OUTPUT	PR	
SCM5B39-1020	0V TO +10V	0mA TO 20mA	1kHz	CURRENT OUTPUT	PR	
SCM5B39-1057	0V TO +5V	0mA TO 5mA	400HZ	CURRENT OUTPUT	QU	
SCM5B39-1082	-10V TO +10V	-20mA TO +20mA	275HZ	CURRENT OUTPUT	PR	

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM5B39-1099	-10V TO +10V	4mA TO 20mA	4HZ	CURRENT OUTPUT	QU	
SCM5B39-1100	- 10V TO +10V	0mA TO 20mA	4HZ	CURRENT OUTPUT	QU	
SCM5B39-1102	-10V TO +10V	0mA TO 20mA	1KHZ	CURRENT OUTPUT	QU	
SCM5B39-1116	-2.5V TO +2.5V	4mA TO 20mA	400HZ	CURRENT OUTPUT	PR	
SCM5B39-1177	-10V TO +10V	-20mA TO +20mA	275HZ	BIPOLAR Iout	PT	External +/-24V Required
SCM5B39-1205	-5V TO +5V	-20mA TO +20mA	275HZ	CURRENT OUTPUT	PR	
SCM5B39-1535	0V TO +5V	-20mA TO +20mA	275HZ	CURRENT OUTPUT	QU	
SCM5B39-1580	4mA to 20mA	0mA to 1mA	400HZ	CURRENT OUTPUT	PR	Accuracy = 0.5% span
SCM5B39-1659	0mA to 20mA	4mA to 20mA	400HZ	CURRENT OUTPUT	PR	
SCM5B40-1041	-1V TO +1V	-5V TO +5V	2.8HZ	VOLTAGE INPUT	PR	200Mohm Input Impedance
SCM5B40-1042	-1V TO +1V	-5V TO +5V	10KHZ	VOLTAGE INPUT	PR	200Mohm Input Impedance
SCM5B40-1188	-1V TO +1V	-5V TO +5V	10KHZ	VOLTAGE INPUT	PR	200Mohm Input Z, see -1042, acromag
SCM5B40-1231	0V TO +10V	-5V TO +5V	400HZ	VOLTAGE INPUT	QU	
SCM5B40-1333	-50mV TO +50mV	-5V TO +5V	10KHZ	VOLTAGE INPUT	PR	High CMR
SCM5B40-1409	-100mV TO +100mV	-5V TO +5V	10kHz	VOLTAGE INPUT	PR	High CMR, same as SCM5B40-03
SCM5B40-1437	-25mV TO +25mV	-5V TO +5V	10kHz	VOLTAGE INPUT	PR	
SCM5B40-1506	0mV TO +30mV	-5V TO +5V	10kHz	VOLTAGE INPUT	PR	Open input response +5.8V
SCM5B40-1533	0mV TO +50mV	0V TO +5V	10kHz	VOLTAGE INPUT	QU	
SCM5B40-1664	-200mV TO +200mV	0V TO +5V	10kHz	VOLTAGE INPUT	PR	
SCM5B40-1749	-1V TO +1V	-5V TO +5V	35Hz	VOLTAGE INPUT	PR	200MOhm Input Resistance
SCM5B41-1001	-18V TO +18V	-5V TO +5V	10KHZ	VOLTAGE INPUT	PR	
SCM5B41-1017	-10V TO +10V	0V TO +5V	10KHZ	VOLTAGE INPUT	QU	0.03% Accurate
SCM5B41-1079	-1V TO +1V	0V TO +5V	10KHZ	VOLTAGE INPUT	PR	200Mohm Input Impedance
SCM5B41-1085	-1V TO +1V	-5V TO +5V	120HZ	VOLTAGE INPUT	PR	
SCM5B41-1086	-5V TO +5V	-5V TO +5V	120HZ	VOLTAGE INPUT	PR	
SCM5B41-1113	0V TO 10V	-5V TO +5V	10KHZ	VOLTAGE INPUT	PR	
SCM5B41-1117	0V TO +5V	- 5V TO + 5V	10KHZ	VOLTAGE INPUT	PR	
SCM5B41-1118	- 50V TO + 50V	- 5V TO + 5V	10KHZ	VOLTAGE INPUT	PR	
SCM5B41-1135	- 5V TO + 5V	- 5V TO + 5V	20KHZ	VOLTAGE INPUT	PR	Same as 41-1145
SCM5B41-1142	- 10V TO + 10V	- 5V TO + 5V	20KHZ	VOLTAGE INPUT	PR	1% Accurate
SCM5B41-1143	- 0.5V TO +0.5V	- 5V TO + 5V	20KHZ	VOLTAGE INPUT	PR	1% Accurate
SCM5B41-1144	- 40V TO +40V	- 5V TO + 5V	20KHZ	VOLTAGE INPUT	PR	1% Accurate
SCM5B41-1145	- 5V TO + 5V	- 5V TO + 5V	20KHZ	VOLTAGE INPUT	PR	1% Accurate, see -1135
SCM5B41-1155	0V TO +20V	-5V TO +5V	10KHZ	VOLTAGE INPUT	PR	
SCM5B41-1174	+1.91V TO +3.39V	0V TO +5V	10KHZ	VOLTAGE INPUT	PR	
SCM5B41-1180	-1V TO +1V	-5V TO +5V	20KHZ	VOLTAGE INPUT	PR	
SCM5B41-1181	-80V TO +80V	-5V TO +5V	20KHZ	VOLTAGE INPUT	PR	
SCM5B41-1182	-100V TO +100V	-5V TO +5V	20KHZ	VOLTAGE INPUT	PR	
SCM5B41-1185	-1V TO +1V	-10V TO +10V	2.5KHZ	VOLTAGE INPUT	PR	

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM5B41-1187	-5V TO +5V	-5V TO +5V	1KHZ	VOLTAGE INPUT	PR	
SCM5B41-1189	-10V TO +10V	-5V TO +5V	10KHZ	VOLTAGE INPUT	PR	Re-labeled SCM5B41-03
SCM5B41-1192	0V TO +2V	0V TO +5V	10KHZ	VOLTAGE INPUT	QU	
SCM5B41-1199	-100V TO +100V	-5V TO +5V	10KHZ	VOLTAGE INPUT	QU	
SCM5B41-1209	-20V TO +20V	-5V TO +5V	20KHZ	VOLTAGE INPUT	PR	
SCM5B41-1238	-10V TO +10V	-10V TO +10V	50KHZ	VOLTAGE INPUT	QU	
SCM5B41-1240	0V TO +10V	-5V TO +5V	2KHZ	VOLTAGE INPUT	PR	
SCM5B41-1295	-5V TO +5V	-5V TO +5V	1KHZ	VOLTAGE INPUT	PR	2M Ohm Input Impedance
SCM5B41-1296	-10V TO +10V	-5V TO +5V	1KHZ	VOLTAGE INPUT	PR	2M Ohm Input Impedance
SCM5B41-1297	-30V TO +30V	-5V TO +5V	1KHZ	VOLTAGE INPUT	PR	2M Ohm Input Impedance
SCM5B41-1329	0 TO +2V	-5V TO +5V	10KHZ	VOLTAGE INPUT	PR	
SCM5B41-1339	0 TO +10V	0V TO +5V	10KHZ	VOLTAGE INPUT	PR	
SCM5B41-1352	-110V TO +110V	-5V TO +5V	20KHZ	VOLTAGE INPUT	QU	
SCM5B41-1357	-60V TO +60V	-5V TO +5V	20KHZ	VOLTAGE INPUT	PR	(similar to 41-1181)
SCM5B41-1403	-2V TO +2V	-5V TO +5V	10kHz	VOLTAGE INPUT	PR	
SCM5B41-1410	-10V TO +10V	-5V TO +5V	10kHz	VOLTAGE INPUT	PR	High CMR, same as SCM5B41-03
SCM5B41-1432	-5V TO +5V	-5V TO +5V	2kHz	VOLTAGE INPUT	QU	
SCM5B41-1466	-10V TO +10V	-5V TO +5V	800HZ	VOLTAGE INPUT	PR	
SCM5B41-1477	0V TO +1V	-5V TO +5V	10kHz	VOLTAGE INPUT	PR	
SCM5B41-1528	-10V TO +10V	-5V TO +5V	3kHz	VOLTAGE INPUT	QU	
SCM5B41-1534	0V TO +50V	0V TO +5V	10KHZ	VOLTAGE INPUT	QU	
SCM5B41-1578	-10V TO +10V	-5V TO +5V	1KHZ	VOLTAGE INPUT	PR	
SCM5B41-1587	-20V TO +120V	0V TO +10V	10KHZ	VOLTAGE INPUT	PR	
SCM5B41-1673	-10V TO +10V	-10V TO +10V	20KHZ	VOLTAGE INPUT	PR	3-pole Bessel filter
SCM5B41-1790	-10V TO +10V	-10V TO +10V	10kHz	VOLTAGE INPUT	PR	10MOhm Input Resistance.
SCM5B41-C001	-10V TO +10V	-10V TO +10V	10KHZ	VOLTAGE INPUT	PR	
SCM5B42-1195	N/A	N/A	N/A	N/A	QU	24V @ 25mA Excitation
SCM5B42-1213	4mA TO 20mA	2V TO 10V	10KHZ	TRANSMITTER INTERFACE	QU	
SCM5B42-1243	4 TO 20mA	-5V TO +5V	100HZ	CURRENT INPUT	PR	
SCM5B43-1258	-5V TO +5V	-5V TO +5V	1KHZ	DC LVDT INTERFACE	PR	20Vexc, 24mA, no input protection
SCM5B43-1336	-6V TO +6V	-5V TO +5V	1KHZ	DC LVDT INTERFACE	PR	6V Excitation
SCM5B43-1379	-1V TO +1V	-5V TO +5V	10KHZ	DC LVDT INTERFACE	QU	Same as SCM5B43-01 with 10kHz BW
SCM5B43-1380	-2V TO +2V	-5V TO +5V	10KHZ	DC LVDT INTERFACE	QU	Same as SCM5B43-02 with 10kHz BW
SCM5B43-1392	-5V TO +5V	-5V TO +5V	1KHZ	DC LVDT INTERFACE	PR	20.4V Excitation, 2.0mA
SCM5B43-1414	0V TO +5V	-5V TO +5V	1kHz	DC LVDT INTERFACE	QU	5V Exc, 40mA (max.), 10MOhm Input Resistance
SCM5B43-1433	-5V TO +5V	-5V TO +5V	1kHz	DCLVDT INTERFACE	PR	5V EXCITATION
SCM5B43-1638	-5V TO +5V	-5V TO +5V	400Hz	DCLVDT INTERFACE	PR	10V EXCITATION
SCM5B45-1153	0KHZ TO 4KHZ	-5V TO +5V		FREQUENCY INPUT	PR	
SCM5B45-1163	0KHZ TO 6KHZ	0V TO +5V		FREQUENCY INPUT	QU	< 100ms Response Time

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM5B45-1164	0KHZ TO 15KHZ	0V TO +5V		FREQUENCY INPUT	PR	< 100ms Response Time
SCM5B45-1167	0HZ TO 100HZ	0V TO +10V		FREQUENCY INPUT	QU	< 1.7% Accuracy
SCM5B45-1194	0HZ TO 1KHZ	0V TO +5V		FREQUENCY INPUT	PR	25ms Response Time
SCM5B45-1206	0HZ TO 30HZ	0V TO +5V		FREQUENCY INPUT	PR	.55 Sec Response Time, 1.0V hysteresis
SCM5B45-1210	0HZ TO 150HZ	0V TO +5V		FREQUENCY INPUT	QU	
SCM5B45-1251	0 TO 100HZ	0V TO +5V		FREQUENCY INPUT	PR	
SCM5B45-1396	0Hz TO 3000Hz	0V TO +5V		FREQUENCY INPUT	PR	20mVp-p Minimum Zero Crossing Input
SCM5B45-1423	0Hz TO 1600Hz	0V TO 5V		FREQUENCY INPUT	PR	20mVp_p Minimum Zero Crossing Input
SCM5B45-1429	0Hz TO 1000Hz	0V TO 5V		FREQUENCY INPUT	PR	20mVp_p Minimum Zero Crossing Input
SCM5B45-1430	0Hz TO 3000Hz	0V TO 5V		FREQUENCY INPUT	PR	20mVp_p Minimum Zero Crossing Input
SCM5B45-1431	0Hz TO 5000Hz	0V TO 5V		FREQUENCY INPUT	PT	20mVp_p Minimum Zero Crossing Input
SCM5B45-1470	0Hz TO 569Hz	0V TO +10V		FREQUENCY INPUT	PR	
SCM5B45-1471	0Hz TO 1500Hz	0V TO +10V		FREQUENCY INPUT	PR	
SCM5B45-1480	0Hz TO 9400Hz	0V TO +10V		FREQUENCY INPUT	PR	90ms response time
SCM5B45-1524	0KHZ TO 10KHZ	-5V TO +5V		FREQUENCY INPUT	PR	
SCM5B45-1525	0KHZ TO 15KHZ	-5V TO +5V		FREQUENCY INPUT	PR	
SCM5B45-1598	0KHZ TO 25KHZ	-5V TO +5V		FREQUENCY INPUT	PR	+/-400mV Input hysteresis
SCM5B45-1606	0HZ TO 800HZ	-5V TO +5V		FREQUENCY INPUT	PR	+/-400mV Input hysteresis
SCM5B45-1607	0KHZ TO 40KHZ	-5V TO +5V		FREQUENCY INPUT	PR	+/-400mV Input hysteresis
SCM5B45-1610	0KHZ TO 5KHZ	-5V TO +5V		FREQUENCY INPUT	PR	+/-400mV Input hysteresis
SCM5B45-1658	0KHZ TO 2.5KHZ	-5V TO +5V		FREQUENCY INPUT	PR	+/-400mV Input hysteresis
SCM5B47B-1081	+50C TO +1300C	0V TO +5V	4HZ	TYPE B THERMOCOUPLE	PR	2-segment accuracy spec
SCM5B47B-1215	0C TO 1750C	0V TO +5V	4HZ	TYPE B THERMOCOUPLE	PR	2-segment accuracy spec
SCM5B47B-1441	0C TO 1750C	0V TO +5V	4HZ	TYPE B THERMOCOUPLE	PR	2-segment accuracy, -IN shorted to +EXC
SCM5B47C-1588	+500C TO +1750C	0 TO +5V	4HZ	TYPE C THERMOCOUPLE	PR	
SCM5B47E-1051	0C TO +170C	0V TO +5V	4HZ	TYPE E THERMOCOUPLE	PR	0.24C Accurate
SCM5B47E-1052	0C TO +275C	0V TO +5V	4HZ	TYPE E THERMOCOUPLE	PR	0.28C Accurate
SCM5B47E-1067	0C TO +125C	0V TO +5V	4HZ	TYPE E THERMOCOUPLE	QU	
SCM5B47E-1165	0C TO +600C	0V TO +5V	4HZ	TYPE E THERMOCOUPLE	PR	0.6C Accurate
SCM5B47E-1490	0F TO +1400F	0V TO +5V	4HZ	TYPE E THERMOCOUPLE	PR	Open input response +5.8V
SCM5B47E-1596	0C TO +200C	0V TO +5V	4HZ	TYPE E THERMOCOUPLE	PR	0.2C Accurate, Open Input to +5.8V
SCM5B47E-1824	-40F TO +400F	0V TO +5V	4Hz	TYPE E THERMOCOUPLE	PR	
SCM5B47E-C014	0C TO +900C	0V TO +5V	4HZ	TYPE E THERMOCOUPLE	QU	
SCM5B47J-1033	77K TO 150K	0V TO +5V	4HZ	TYPE J THERMOCOUPLE	QU	
SCM5B47J-1061	-100C TO +400C	+1V TO +5V	4HZ	TYPE J THERMOCOUPLE	PR	
SCM5B47J-1378	-32C TO 68C (-25.6F TO 154.4F)	0V TO +5V	4HZ	TYPE J THERMOCOUPLE	QU	
SCM5B47J-1412	0C TO +300C	0V TO +5V	1kHz	TYPE J THERMOCOUPLE	QU	
SCM5B47J-1463	0C TO +200C	0V TO +5V	4HZ	TYPE J THERMOCOUPLE	PR	

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM5B47J-C012	-100C TO +760C	0V TO +5V	4HZ	TYPE J THERMOCOUPLE	QU	
SCM5B47K-1014	0C TO +100C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	0.1C Accurate
SCM5B47K-1015	0C TO +1200C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	1.0C Accurate
SCM5B47K-1035	77K TO 300K	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	QU	
SCM5B47K-1044	-50C TO +200C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	0.38C Accurate
SCM5B47K-1046	-100C TO +120C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	QU	0.38C Accurate
SCM5B47K-1047	-100C TO +150C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	0.38 C Accurate
SCM5B47K-1048	-50C TO +1200C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	1.0 C Accurate
SCM5B47K-1049	-40F TO +1040F	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1060	0C TO +500C	+1V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1073	0C TO +1250C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1123	-100C TO +400C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1124	0 TO +150C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	0.23C Accurate
SCM5B47K-1125	0 TO +50C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	0.075C Accurate
SCM5B47K-1133	0 TO +1000C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	No Open TC Detect
SCM5B47K-1138	-40C TO +300C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1152	0C TO +1000C	0V TO +5V	100HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1173	+1300F TO +1800F	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1183	-50C TO +200C	0V TO +10V	4HZ	TYPE K THERMOCOUPLE	QU	0.38C Accurate, see -1044
SCM5B47K-1190	-25C TO +100C	0V TO +2.5V	4HZ	TYPE K THERMOCOUPLE	QU	
SCM5B47K-1191	0C TO +1370C	0V TO +5V	100HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1203	-100C TO +200C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1234	-25C TO +550C	0V TO +5V	200HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1239	-50C TO +950C	0V TO +10V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1291	-50C TO +250C	0 TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1294	0 to +200C	0 TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1332	-50C TO +100C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	QU	
SCM5B47K-1435	-300F TO +100F	0V TO +5V	4Hz	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1436	-300F TO +200F	0V TO +5V	4Hz	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1442	0C TO 1250C	0V TO +5V	4Hz	TYPE K THERMOCOUPLE	PR	-IN shorted to +EXC
SCM5B47K-1444	-300F TO +500F	0V TO 5V	4Hz	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1639	0C TO +700C	0V TO +5V	30HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1759	-200C TO +50C	0V TO +5V	4Hz	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1781	0C TO +400C	0V TO 10V	4Hz	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1782	0C TO +1260C	0V TO 10V	4Hz	TYPE K THERMOCOUPLE	PR	
SCM5B47K-1809	-100C TO +300C	0V TO +5V	100Hz	TYPE K THERMOCOUPLE	PR	Similar to SCM5B47K-C019 with 100Hz BW
SCM5B47K-1838	0C TO +1000C	0V TO +5V	200Hz	TYPE K THERMOCOUPLE	PR	
SCM5B47K-C013	-100C TO +1350C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	QU	
SCM5B47K-C018		0V TO +5V	300HZ	TYPE K THERMOCOUPLE	QU	

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM5B47K-C019	-100C TO +300C	0V TO +5V	4HZ	TYPE K THERMOCOUPLE	PR	
SCM5B47N-1247	-100 TO +900C	0V TO +10V	4HZ	TYPE N THERMOCOUPLE	PR	
SCM5B47R-1105	0C TO +1750C	0V TO +5V	4HZ	TYPE R THERMOCOUPLE	PR	
SCM5B47S-1074	0C TO +1750C	0V TO +5V	4HZ	TYPE S THERMOCOUPLE	PR	
SCM5B47S-1443	0C TO +1750C	0V TO 5V	4HZ	TYPE S THERMOCOUPLE	PR	-IN shorted to +EXC
SCM5B47T-1160	0C TO +200C	0V TO +5V	50HZ	TYPE T THERMOCOUPLE	PR	< 20ms Response Time
SCM5B47T-1176	-350F TO +100F	0V TO +5V	4HZ	TYPE T THERMOCOUPLE	QU	-212C to +37.8C
SCM5B49-1098	-10V TO +10V	-10V TO +10V	4HZ	VOLTAGE OUTPUT	PR	
SCM5B49-1101	-10V TO +10V	-10V TO +10V	1KHZ	VOLTAGE OUTPUT	PR	
SCM5B49-1130				VOLTAGE OUTPUT	QU	Azonix Private Label
SCM5B49-1179	-5V TO +5V	-5V TO +5V	2.5KHZ	VOLTAGE OUTPUT	PR	
SCM5B49-1216	-5V TO +5V	-5V TO +5V	12KHZ	VOLTAGE OUTPUT	PR	50 microS delay for 50HZ input
SCM5B49-1253	-5V TO +5V	-5V TO +5V	400HZ	VOLTAGE OUTPUT	QU	+/- 0.03% accurate upon shipment
SCM5B49-1330	-5V TO +5V	0V TO +10V		VOLTAGE OUTPUT	QU	
SCM5B49-1343	-5V TO +5V	0 TO +5V	400HZ	VOLTAGE OUTPUT	QU	Internal pullup on read enable
SCM5B49-1558	-10V to +10V	0V to -10V	400HZ	VOLTAGE OUTPUT	QU	Inverted Output (0V to -10V)
SCM5B49-1570	0V to +10V	0V to +2V	400HZ	VOLTAGE OUTPUT	PR	
SCM5BPT-1516					PR	PASS THROUGH MODULE WITH INPUT PROTECTIONS
SCM7B21-1241	0V TO +10V	-10V TO +10V	300HZ	VOLTAGE INPUT	QU	
SCM7B30-1139	0V TO +5V	0V TO +5V	3HZ	VOLTAGE INPUT	PR	SCM7B31-04A
SCM7B30-1269	0 TO +100mV	+1 TO +5V	100HZ	VOLTAGE INPUT	QU	
SCM7B30-1270	-10V TO +10V	+1 TO +5V	100HZ	VOLTAGE INPUT	QU	
SCM7B30-1299	0V TO +1V	+0 TO +10V	60HZ	VOLTAGE INPUT	PR	
SCM7B30-1300	0V TO +1V	+0 TO +10V	300HZ	VOLTAGE INPUT	PR	
SCM7B30-1301	0V TO +50mV	+0 TO +10V	3HZ	VOLTAGE INPUT	QU	
SCM7B30-1358	0 TO 20mV	0 TO +20mV	3HZ	VOLTAGE INPUT	PR	
SCM7B30-1362	0 TO 50mV	0 TO +50mV	3HZ	VOLTAGE INPUT	PR	
SCM7B31-1303	-10V TO +10V	+0 TO +10V	60HZ	VOLTAGE INPUT	PR	
SCM7B31-1304	-10V TO +10V	+0 TO +10V	300HZ	VOLTAGE INPUT	PR	
SCM7B31-1361	-10V TO +10V	0V TO +10V	3HZ	VOLTAGE INPUT	PR	
SCM7B31-1375	-1V TO +1V	0 TO +10V	3KHZ	VOLTAGE INPUT	QU	
SCM7B31-1806	-10V TO +10V	0V TO +10V	3Hz	VOLTAGE INPUT	PR	Similar to SCM7B31-03D w/o encapsulation
SCM7B32-1255	4 TO 20mA	+1 TO +5V	3HZ	CURRENT INPUT	PR	Pin 0 grounded, output limit -0.7 to 5.7V
SCM7B32-1385	+4mA to +20mA	0V to +5V	1500Hz	CURRENT INPUT	QU	Same as SCM7B32-01A with 1500Hz BW
SCM7B32-1807	+4mA TO +20mA	0V TO +10V	100Hz	CURRENT INPUT	PR	Similar to SCM7B32-01D w/o encapsulation
SCM7B34-1366	0 TO 150C	+1 TO +5V	3HZ	100 OHM PLATINUM RTD	QU	accuracy +/-0.15%max, +/-0.1% typical
SCM7B34-1374	0 TO 150C	+1 TO +5V	3HZ	100 OHM PLATINUM RTD	QU	same as 7B34-1366
SCM7B34-1416	-50C TO +150C	0V TO 10V	3Hz	2 - 3 WIRE RTD	QU	
SCM7B34-1483	-70F TO +500F	+1V TO +5V	150Hz	100 OHM PLATINUM RTD	PR	

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM7B34-1498	-70F TO +500F	+1V TO +5V	150Hz	200 OHM PLATINUM RTD	PR	
SCM7B34-1500	-100C TO +200C	0V TO 10V	10Hz	100 OHM PLATINUM RTD	QU	
SCM7B34-1527	-51C TO +176C	0V TO 5V	3Hz	200 OHM PLATINUM RTD	PR	
SCM7B34-1539	-70F TO +850F	+1V TO +5V	150Hz	100 OHM PLATINUM RTD	PR	
SCM7B34-1631	-300F TO +300F	+1V TO +5V	3Hz	100 OHM PLATINUM RTD	PR	Minimum output load 200 Ohm
SCM7B34-1649	-50C TO +350C	+1V TO +5V	3Hz	100 OHM PLATINUM RTD	PR	Minimum output load 200 Ohm
SCM7B34-1693	0C TO +200C	0V TO +10V	3HZ	50 OHM PLATINUM RTD	PR	Alpha = 0.00392
SCM7B34-1778	-70F TO +500F	+1V TO +5V	150Hz	1000 Ohm PLATINUM RTD	PR	Alpha = 0.00385
SCM7B34-1796	39 Ohm TO 104 Ohm	0V TO 10V	3HZ	Cu RTD, 50 Ohm	PR	Output linearized to input resistance
SCM7B34-1797	78 Ohm TO 208 Ohm	0V TO 10V	3Hz	Cu RTD, 100 Ohm	PR	Output linearized to input resistance
SCM7B35-1256	4 TO 20mA	+1 TO +5V	3HZ	TRANSMITTER INTERFACE	PR	32 OR 35 mode, output limit -0.7 to 5.7V
SCM7B35-1265	4 TO 20mA	+1 TO +5V	400HZ	TRANSMITTER INTERFACE	QU	
SCM7B35-1293	4 TO 20mA	+1 TO +5V	3HZ	TRANSMITTER INTERFACE	QU	Isolated loop power supply
SCM7B36-1246	25 TO 190 OHM	+1 TO +5V	3HZ	POTENTIOMETER INPUT	PR	-F.S. open detect, output limit -.7 to 5.7
SCM7B36-1602	0 to 5kOhm	0V TO 10V	15Hz	POTENTIOMETER INPUT	PR	
SCM7B37K-1564	-80C to +780C	0V TO 10V	3HZ	TYPE K THERMOCOUPLE	PR	
SCM7B37T-1501	-100C TO +200C	0V TO 10V	10Hz	TYPE T THERMOCOUPLE	QU	
SCM7B39-1257	4 TO 20mA	4 TO 20mA	100HZ	CURRENT OUTPUT	PR	Input high Z when output loop open
SCM7B39-1368	0 TO 5V	0 TO 1mA	100HZ	CURRENT OUTPUT	QU	0 TO 13Kohm LOAD, 50M ohm Rin
SCM7B39-1373	4 TO 20mA	4 TO 20mA	100HZ	CURRENT OUTPUT	QU	250 OHM LOAD
SCM7B39-1808	0V TO +10V	+4mA TO +20mA	100Hz	CURRENT OUTPUT	PR	Similar to SCM7B39-03 w/o encapsulation
SCM7B40-1405	0V to 1V	0V to 5V	1kHz	VOLTAGE INPUT	QU	
SCM7B41-1415	-100V TO +100V	-10V TO +10V	10kHz	VOLTAGE INPUT	QU	
SCM7B47E-1684	-60F TO +1200F	0V TO +10V	150Hz	TYPE E THERMOCOUPLE	PR	
SCM7B47J-1386	0C to 760C	0V to +5V	500Hz	TYPE J THERMOCOUPLE	PR	Same as SCM7B47j-01A with 500Hz BW
SCM7B47J-1579	0F to 1300F	+1V to +5V	150Hz	TYPE J THERMOCOUPLE	PR	CJC error +/-2°C over -10°C to +60°C ambient temp.
SCM7B47K-1254	-50 TO +600C	+1 TO +5V	3HZ	TYPE K THERMOCOUPLE	PR	-F.S. open detect, output limit -.7 to 5.7
SCM7B47K-1288	-50C TO +1000C	+1 TO +5V	3HZ	TYPE K THERMOCOUPLE	PR	-F.S. open detect, output limit -.7 to 5.7
SCM7B47K-1387	0C to +1300C	0V to 5V	1500Hz	TYPE K THERMOCOUPLE	PR	Same as SCM7B47K-03A with 1500Hz BW
SCM7B47K-1484	-70F TO +2200F	+1V TO +5V	150Hz	TYPE K THERMOCOUPLE	PR	
SCM7B47K-1509	-70F TO +2200F	+1V TO +5V	150Hz	TYPE K THERMOCOUPLE	PR	Same as SCM7B47K-1484, on a new SMT layout
SCM7B47K-1515	-40C TO +300C	0V TO +10V	3HZ	TYPE K THERMOCOUPLE	PR	
SCM7B47K-1574	-70F TO +2200F	+1V TO +5V	150Hz	TYPE K THERMOCOUPLE	PR	Same as SCM7B47K-1509, CJC error +/-2°C over -10°C to +60°C ambient temp.
SCM7B47K-1650	0C TO +600C	+1V TO +5V	3HZ	TYPE K THERMOCOUPLE	PR	Minimum output load 200 Ohm
SCM7B47T-1226	-100C TO +400C	0V TO +10V	3HZ	TYPE T THERMOCOUPLE	PR	240VAC protection
SCM7B47T-1691	-200C TO +200C	0V TO +10V	3HZ	TYPE T THERMOCOUPLE	PR	
SCM7BP08-1542					PR	SCM7BP08 with no field connector and no CJC.
SCM7BP16-1481					PR	Custom backpanel, 4 non-isolated outputs, 12 isolated inputs, one 62-pin D-sub interface



# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCM7BP16-1482					PR	Custom backpanel, 4 non-isolated outputs, 12 isolated inputs, three 62-pin D-sub interface
SCM7BPT-1460					PR	Non-isolated pass through module with 200 Ohm 3 watt conversion resistor
SCMPB01-1026					QU	CAL. RESISTOR AND RELAY FOR STRAIN GAUGE CAL. IBRATION.
SCMPB01-1141					PR	NO CJC. INSTALL 10K, 1% RESISTOR IN XR1 POSITION
SCMPB01-1186					PR	12 CH. BACKPANEL, NO XCJC'S
SCMPB01-1196					PR	CUSTOMER SUPPLIED BACKPANEL, DATAFORTH ASSEMBLES
SCMPB01-1224					PR	COMPLETE ASSY. FOR ARMY IN CONJUCTION WITH SCM5B30-1136
SCMPB01-1341					QU	16 CH. BP WITH FIELD SCREW TERMINALS NOT INSTALLED, BUT SENT WITH BOARDS
SCMPB01-1384					PR	Same as SCMPB01 with capacitors for low noise Operation
SCMPB01-1399					PR	Same as SCMPB01, but no P1 connector
SCMPB02-1198					PR	NO RIBBON CABLE CONNECTOR INSTALLED
SCMPB04-1050					PR	RD EN\ TIED TO I/O COM INSTEAD OF PWR COM.
SCMPB04-1140					PR	SEPARATE I/O COM & PWR COM, REMOVABLE JUMPER IN J1.
SCMPB04-1643					PR	SCMPB04 built on PCB1224 rev B
SCMPB05-1103					PR	8 CH. BACKPANEL, DIN RAIL MOUNT
SCMPB05-1342					PR	8 CH. BACKPANEL WITH FIELD SCREW TERMINALS NOT INSTALLED BUT SENT WITH BOARDS
SCMPB07-1576					PR	8 CH. BACKPANEL WITHOUT FIELD & SYSTEM SIDE TERMINALS, CJC, AND JUMPERS
SCMVAS-M1641	-25V TO +25V	-1V TO +1V		Voltage Attenuator	PR	
SCMX1508					PR	Similar to SCMXCJC - Constant 0.5725V across +SEN and -SEN
SCMXAT-1175					QU	NON-ISOLATED ATTENUATOR SCM5B MODULE. ATTEN = 100+/-1%
SCMXCA004-1661					PR	SCM5B cable 5 meters in length
SCMXCJC-1531					PR	SCMXCJC WITHOUR THE SHELL
SCMXCS-1536					PR	SCM5B CASE, SCREW, PIN-BLOCKS, HEADER (NO PCB)
SCMXIF-1452					PR	Two 26-pin Connector to one 50-pin Connector interface with stand-offs
SCMXIF-1454					PR	Two 26-pin Connector to one 50-pin Connector interface with DIN rail mount
SCMXR2					PR	UNENCAPSULATED SCMXR1 WITH 0.5" LEAD SPACING.
SCMXR3					PR	100 OHM CURRENT CONVERSION RESISTOR.
SCMXR4					PR	5 OHM CURRENT CONV. RESISTOR (CUSTOMER SUPPLIED RESISTOR)
SCMXR5	500 OHM, +/-0.10%, 10PPM/C				QU	constructed from 2, 250 ohm in series)

# DATAFORTH CUSTOM PRODUCTS

May 2017

Model Number	Input Range	Output Range	BW	Sensor Type	Status	Comments
SCMXRK-1024					QU	3U RACK
SCT1P30-1248	-20mV TO +20mV	4mA TO 20mA	400HZ	VOLTAGE INPUT	QU	
SCT1P30-1262	0mV TO +20mV	4mA TO 20mA	400HZ	VOLTAGE INPUT	QU	
SCT1P47K-1168	-100C TO +300C	4mA TO 20mA	4HZ	TYPE K THERMOCOUPLE	PR	Panel Mt., Dn Scale Open TC
SCT1P47K-1169	0C TO +500C	4mA TO 20mA	4HZ	TYPE K THERMOCOUPLE	PR	Panel Mt., Dn Scale Open TC
SCT1P47K-1170	0C TO +1000C	4mA TO 20mA	4HZ	TYPE K THERMOCOUPLE	PR	Panel Mt., Dn Scale Open TC
SCT1P47N-1166	-100C TO +1300C	4mA TO 20mA	4HZ	TYPE N THERMOCOUPLE	PR	Panel Mt., Dn Scale Open TC
SCTP20-02-1632	-50F TO +150F	4mA TO 20mA		100 OHM PLATINUM RTD	PR	