

DATAFORTH CUSTOM PRODUCTS

8/15/2022

| Model Number | Input Unit | Input Range | Output Unit | Output Range | BW | Sensor Type | Status | Comments |
|--------------|------------|------------------|-------------|------------------|--------|---------------|--------|--|
| SCM5B30-1063 | mV | -100mV TO +100mV | V | +1V TO +5V | 4HZ | VOLTAGE INPUT | PR | |
| SCM5B30-1080 | mV | 0mV TO +50mV | V | 0V TO +5V | 4HZ | VOLTAGE INPUT | PR | |
| SCM5B30-1108 | mV | 0mV TO +30mV | V | -5V TO +5V | 4HZ | VOLTAGE INPUT | PR | |
| SCM5B30-1136 | mV | -5mV TO +5mV | V | -4.65V TO +4.65V | 5HZ | VOLTAGE INPUT | PR | 3-pole filter |
| SCM5B30-1147 | mV | 0mV TO +100mV | V | 0V TO +5V | 30HZ | VOLTAGE INPUT | PR | |
| SCM5B30-1202 | mV | -100mV TO +100mV | V | -5V TO +5V | 1.8KHZ | VOLTAGE INPUT | PR | 4-pole butterworth filter |
| SCM5B30-1237 | mV | -250mV TO +250mV | V | -2.5V TO +2.5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B30-1353 | mV | -100mV TO +100mV | V | -5V TO +5V | 250HZ | VOLTAGE INPUT | PR | |
| SCM5B30-1419 | mV | -25mV TO +25mV | V | -5V TO +5V | 1.8kHz | VOLTAGE INPUT | PR | |
| SCM5B30-1428 | mV | -25mV TO +25mV | V | -5V TO +5V | 109Hz | VOLTAGE INPUT | PR | |
| SCM5B30-1461 | mV | 0mV TO +10mV | V | -5V TO +5V | 4HZ | VOLTAGE INPUT | PR | Open input to +5.8V |
| SCM5B30-1491 | mV | 0mV TO +30mV | V | 0V TO +5V | 4HZ | VOLTAGE INPUT | PR | Open input to +5.8V |
| SCM5B30-1520 | mV | 0mV TO +20mV | V | -5V TO +5V | 4HZ | VOLTAGE INPUT | PR | Open input to +5.8V |
| SCM5B30-1585 | mV | -50mV TO +50mV | V | -10V TO +10V | 12HZ | VOLTAGE INPUT | PR | |
| SCM5B30-1591 | mV | -50mV TO +50mV | V | -10V TO +10V | 12HZ | VOLTAGE INPUT | PR | No input pole, 1.7% over-shoot (@ 6Hz) |
| SCM5B30-1694 | mV | -100mV TO +100mV | V | -10V TO +10V | 10HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1009 | V | -10V TO +10V | V | -5V TO +5V | 100HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1013 | V | 0V TO +2V | V | 0V TO +5V | 4HZ | VOLTAGE INPUT | PR | 10M Ohm Input Impedance |
| SCM5B31-1016 | V | 0V TO +10V | V | 0V TO +5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B31-1025 | V | -5V TO +5V | V | -5V TO +5V | 480HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1065 | V | 0V TO +2.5V | V | -5V TO +5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B31-1069 | V | -5V TO +5V | V | 0V TO +5V | 120HZ | VOLTAGE INPUT | PR | 1M Ohm Input Impedance |
| SCM5B31-1070 | V | -10V TO +10V | V | 0V TO +5V | 120HZ | VOLTAGE INPUT | PR | 1M Ohm Input Impedance |
| SCM5B31-1071 | V | -3V TO +3V | V | 0V TO +5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B31-1076 | V | -5V TO +5V | V | -5V TO +5V | 4Hz | VOLTAGE INPUT | PR | 1M Ohm Input Impedance |
| SCM5B31-1078 | V | -10V TO +10V | V | -5V TO +5V | 400HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1089 | V | 0V TO +6V | V | -5V TO +5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B31-1092 | V | -10V TO +10V | V | -10V TO +10V | 1KHZ | VOLTAGE INPUT | PR | |
| SCM5B31-1093 | V | -5V TO +5V | V | -10V TO +10V | 1KHZ | VOLTAGE INPUT | PR | |
| SCM5B31-1094 | V | -1V TO +1V | V | -10V TO +10V | 1KHZ | VOLTAGE INPUT | PR | 2M Ohm Input Impedance |
| SCM5B31-1109 | V | 0V TO +5V | V | -5V TO +5V | 4HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1137 | V | 0V TO +15V | V | -5V TO +5V | 1KHZ | VOLTAGE INPUT | PR | |
| SCM5B31-1158 | V | -10V TO +10V | V | -5V TO +5V | 15HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1159 | V | -10V TO +10V | V | -10V TO +10V | 50HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1171 | V | 0V TO +10V | V | +1V TO +5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B31-1172 | V | -1V TO +1V | V | -5V TO +5V | 11HZ | VOLTAGE INPUT | PR | Bessel (Thomson) filter |
| SCM5B31-1197 | V | -20V TO +20V | V | -5V TO +5V | 30HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1201 | V | -10V TO +10V | V | 0V TO +5V | 100HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1217 | V | -10V TO +10V | V | -5V TO +5V | 10HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1218 | V | 0V TO +10V | V | 0V TO +5V | 0.5HZ | VOLTAGE INPUT | PR | 1.5mV Accurate at 5V input |
| SCM5B31-1233 | V | -5V TO +5V | V | -5V TO +5V | 10HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1242 | V | -1V TO +1V | V | -5V TO +5V | 4HZ | VOLTAGE INPUT | PR | 200M Ohm input impedance |
| SCM5B31-1245 | V | 0V TO +50V | V | 0V TO +10V | 0.5HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1249 | V | -5V TO +5V | V | -5V TO +5V | 400HZ | VOLTAGE INPUT | PR | +/- 0.03% accurate upon shipment |
| SCM5B31-1261 | V | 0V TO +30V | V | -5V TO +5V | 4HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1266 | V | 0V TO +10V | V | 0V TO +10V | 4HZ | VOLTAGE INPUT | PR | Built same as SCM5B31-03D |
| SCM5B31-1267 | V | 0V TO +20V | V | 0V TO +10V | 4HZ | VOLTAGE INPUT | QU | Built same as SCM5B31-07D |
| SCM5B31-1268 | V | 0V TO +1V | V | 0V TO +10V | 4HZ | VOLTAGE INPUT | QU | Built same as SCM5B31-01D |
| SCM5B31-1275 | V | -10V TO +10V | V | -10V TO +10V | 20HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1276 | V | -10V TO +10V | V | -5V TO +5V | 10HZ | VOLTAGE INPUT | PR | min phase requirements |
| SCM5B31-1305 | V | +1V TO +5V | V | +0.5V TO +4.5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B31-1306 | V | +0.4V TO +2V | V | +0.5V TO +4.5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B31-1307 | V | -6V TO +6V | V | +0.5V TO +4.5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B31-1308 | V | -10V TO +10V | V | +0.5V TO +4.5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B31-1309 | V | 0V TO +10V | V | +0.5V TO +4.5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B31-1310 | V | -5V TO +5V | V | +0.5V TO +4.5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B31-1311 | V | 0V TO +2V | V | +0.5V TO +4.5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B31-1312 | V | -0.9V TO +6.3V | V | +0.5V TO +4.5V | 4HZ | VOLTAGE INPUT | QU | |
| SCM5B31-1347 | V | -1V TO +1V | V | -5V TO +5V | 100HZ | VOLTAGE INPUT | PR | Bessel (Thomson) filter |
| SCM5B31-1350 | V | 0V TO +50V | V | 0V TO +2.5V | 0.5HZ | VOLTAGE INPUT | PR | +/-0.05% max error @ Vin =5V |
| SCM5B31-1351 | V | 0V TO +10V | V | 0V TO +2.5V | 0.5HZ | VOLTAGE INPUT | PR | +/-0.03% max error @ Vin =5V |
| SCM5B31-1354 | V | 0V TO +5V | V | 0V TO +5V | 4HZ | VOLTAGE INPUT | PR | |

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8/15/2022

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|--------------|------------|------------------|-------------|----------------|--------|----------------------|--------|--|
| SCM5B31-1355 | V | -2V TO +2V | V | -5V TO +5V | 4HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1367 | V | -5V TO +5V | V | -5V TO +5V | 30HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1388 | V | -2V TO +2V | V | -5V TO +5V | 250Hz | VOLTAGE INPUT | PR | |
| SCM5B31-1391 | V | -3V TO +3V | V | -5V TO +5V | 4Hz | VOLTAGE INPUT | QU | |
| SCM5B31-1393 | V | -1V TO +1V | V | 0V TO +5V | 100Hz | VOLTAGE INPUT | PR | |
| SCM5B31-1394 | V | -5V TO +5V | V | 0V TO +5V | 100Hz | VOLTAGE INPUT | PR | |
| SCM5B31-1400 | V | -10V TO +10V | V | -5V TO +5V | 200Hz | VOLTAGE INPUT | PR | |
| SCM5B31-1420 | V | -10V TO +10V | V | -5V TO +5V | 1.8kHz | VOLTAGE INPUT | PR | |
| SCM5B31-1421 | V | -15V TO +15V | V | -5V TO +5V | 4Hz | VOLTAGE INPUT | PR | |
| SCM5B31-1462 | V | 0V TO +1V | V | -5V TO +5V | 4HZ | VOLTAGE INPUT | PR | Open input to -5V |
| SCM5B31-1485 | V | 0V TO +20V | V | -5V TO +5V | 4Hz | VOLTAGE INPUT | PR | Open input to -5V |
| SCM5B31-1497 | V | 0V TO +10V | V | -5V TO +5V | 4Hz | VOLTAGE INPUT | PR | Open input to -5V |
| SCM5B31-1511 | V | -1V TO +1V | V | -5V TO +5V | 10Hz | VOLTAGE INPUT | PR | |
| SCM5B31-1517 | V | 0V TO +3.5V | V | -5V TO +5V | 4HZ | VOLTAGE INPUT | PR | Open input to -5V |
| SCM5B31-1521 | V | 0V TO +3V | V | -5V TO +5V | 4HZ | VOLTAGE INPUT | PR | Open input to -5V |
| SCM5B31-1615 | V | 0V TO +50V | V | 0V TO +2.5V | 10HZ | VOLTAGE INPUT | PR | Output voltage limit -0.7V to +5.1V |
| SCM5B31-1718 | V | -10V TO +10V | V | -10V TO +10V | 30HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1818 | V | -5V TO +5V | V | -5 TO +5V | 100HZ | VOLTAGE INPUT | PR | |
| SCM5B31-1882 | V | -120V TO +120V | V | -5V TO +5V | 4HZ | VOLTAGE INPUT | PR | 100M Ohm Input Impedance |
| SCM5B31-C087 | V | 0V TO +50V | V | 0V TO +5V | 4HZ | VOLTAGE INPUT | PR | 2M Ohm Input Impedance |
| SCM5B31-C088 | V | 0V TO +100V | V | 0V TO +5V | 4HZ | HIGH VOLTAGE INPUT | PR | |
| SCM5B31-C091 | V | -1V TO +1V | V | -5V TO +5V | 120HZ | VOLTAGE INPUT | PR | 2M Ohm Input Impedance |
| SCM5B31-C092 | V | 0V TO +50V | V | 0V TO +5V | 0.5HZ | VOLTAGE INPUT | PR | |
| SCM5B31-C093 | V | 0V TO +20V | V | 0V TO +5V | 4HZ | VOLTAGE INPUT | PR | |
| SCM5B32-1043 | mA | +4mA TO +20mA | V | 0V TO +10V | 1KHZ | CURRENT INPUT | QU | Similar to 32-1005 |
| SCM5B32-1066 | mA | +4mA TO +20mA | V | -5V TO +5V | 4HZ | CURRENT INPUT | QU | |
| SCM5B32-1095 | mA | +4mA TO +20mA | V | -10V TO +10V | 1KHZ | CURRENT INPUT | QU | |
| SCM5B32-1096 | mA | +4mA TO +20mA | V | -10V TO +10V | 4HZ | CURRENT INPUT | PR | |
| SCM5B32-1097 | mA | +4mA TO +20mA | V | -10V TO +10V | 4HZ | CURRENT INPUT | QU | |
| SCM5B32-1107 | mA | +4mA TO +20mA | V | 0V TO +5V | 100HZ | CURRENT INPUT | PR | |
| SCM5B32-1110 | mA | +4mA TO +20mA | V | -5V TO +5V | 4HZ | CURRENT INPUT | PR | Same as SCM5B392-12, 32-1066 |
| SCM5B32-1114 | mA | +4mA TO +20mA | V | -10V TO +10V | 1KHZ | CURRENT INPUT | PR | same as SCM5B392-14 |
| SCM5B32-1119 | mA | 0mA TO +20mA | V | 0V TO +5V | 100HZ | CURRENT INPUT | PR | |
| SCM5B32-1398 | mA | +4mA TO +20mA | V | 0V TO +2.5V | 0.5HZ | CURRENT INPUT | PR | |
| SCM5B32-1401 | mA | -20mA TO +20mA | V | -10V TO +10V | 4Hz | CURRENT INPUT | QU | |
| SCM5B32-1404 | mA | +4mA TO +20mA | V | 0V TO +5V | 5kHz | CURRENT INPUT | QU | |
| SCM5B32-1476 | mA | -10mA TO +10mA | V | -5V TO +5V | 10kHz | CURRENT INPUT | PR | |
| SCM5B32-1522 | mA | 0mA TO +20mA | V | -5V TO +5V | 4HZ | CURRENT INPUT | PR | Open input to -5V |
| SCM5B32-1557 | mA | +4mA TO +20mA | V | 0V TO -10V | 4HZ | CURRENT INPUT | QU | Inverted Output (0V to -10V) |
| SCM5B32-1616 | mA | 0mA TO +20mA | V | 0V TO +2.5V | 10HZ | CURRENT INPUT | PR | Output voltage limit -0.7V to +5.1V |
| SCM5B33-1149 | mA | 0mA TO 300mArms | V | 0V TO +10V DC | N/A | AC CURRENT INPUT | QU | 95HZ signal frequency |
| SCM5B33-1434 | V | 0Vrms TO +10Vrms | V | 0V TO +10V DC | N/A | AC VOLTAGE INPUT | PR | Same as SCM5B33-03D, calibrated @ 3kHz |
| SCM5B34-1029 | Temp (*K) | 77K TO 150K | V | 0V TO +5V | 4HZ | 100 OHM PLATINUM RTD | QU | |
| SCM5B34-1030 | Temp (*K) | 77K TO 300K | V | 0V TO +5V | 4HZ | 100 OHM PLATINUM RTD | QU | |
| SCM5B34-1031 | Temp (*K) | 77K TO 150K | V | 0V TO +5V | 4HZ | 1K OHM PLATINUM RTD | QU | |
| SCM5B34-1032 | Temp (*K) | 77K TO 300K | V | 0V TO +5V | 4HZ | 1K OHM PLATINUM RTD | QU | |
| SCM5B34-1045 | Temp (*C) | -50C TO +200C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | 0.38C accurate |
| SCM5B34-1054 | Temp (*C) | 0C TO +300C | V | 0V TO +5V | 4HZ | 100 OHM PLATINUM RTD | PR | 0.33C accurate |
| SCM5B34-1055 | Temp (*C) | 0C TO +100C | V | 0V TO +5V | 4HZ | 100 OHM PLATINUM RTD | PR | 0.16C accurate |
| SCM5B34-1056 | Temp (*C) | 0C TO +200C | V | 0V TO +5V | 4HZ | 100 OHM PLATINUM RTD | PR | 0.24C accurate |
| SCM5B34-1062 | Temp (*C) | 0C TO +200C | V | +1V TO +5V | 4HZ | 100 OHM PLATINUM RTD | PR | |
| SCM5B34-1072 | Temp (*F) | 0F TO +100F | V | 0V TO +5V | 4HZ | 100 OHM PLATINUM RTD | QU | |
| SCM5B34-1106 | Temp (*C) | 0C TO +80C | V | +0.5V TO +4.5V | 4HZ | 600 OHM PLATINUM RTD | PR | |
| SCM5B34-1120 | Temp (*F) | -60F TO +800F | V | 0V TO +5V | 4HZ | 50 OHM PLATINUM RTD | PR | alpha =.00392 I=.5mA |
| SCM5B34-1121 | Temp (*F) | -60F TO +800F | V | 0V TO +5V | 4HZ | 100 OHM PLATINUM RTD | PR | alpha =.00392 |
| SCM5B34-1229 | Temp (*F) | 0F TO +500F | V | 0V TO +5V | 4HZ | 100 OHM PLATINUM RTD | PR | |
| SCM5B34-1230 | Temp (*F) | 0F TO +500F | V | 0V TO +5V | 4HZ | LEWIS NICKEL RTD | PR | |
| SCM5B34-1263 | Temp (*C) | 0C TO +40C | V | 0 TO +5V | 4HZ | 100 OHM PLATINUM RTD | QU | > 0.3mA excitation current |
| SCM5B34-1277 | Temp (*F) | -250F TO +250F | V | 0 TO +5V | 4HZ | 500 OHM PLATINUM RTD | PR | |
| SCM5B34-1278 | Temp (*F) | +32F TO +212F | V | 0 TO +5V | 4HZ | 500 OHM PLATINUM RTD | PR | |
| SCM5B34-1279 | Temp (*F) | +32F TO +1152F | V | 0 TO +5V | 4HZ | 500 OHM PLATINUM RTD | PR | |
| SCM5B34-1292 | Temp (*C) | -100C TO +200C | V | 0 TO +5V | 4HZ | 100 OHM PLATINUM RTD | QU | |

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DATAFORTH CUSTOM PRODUCTS

8/15/2022

| Model Number | Input Unit | Input Range | Output Unit | Output Range | BW | Sensor Type | Status | Comments |
|---------------|------------|--------------------|-------------|----------------|-------|------------------------|--------|--|
| SCM5B34-1302 | Temp (°F) | +32F TO +392F | V | 0V TO +5V | 4HZ | 500 OHM PLATINUM RTD | PR | |
| SCM5B34-1313 | OHM | 195 OHM TO 450 OHM | V | +0.5V TO +4.5V | 4HZ | THERMISTOR | QU | |
| SCM5B34-1315 | Temp (°C) | 0C TO +60C | V | +0.5V TO +4.5V | 4HZ | 100 OHM PLATINUM RTD | QU | |
| SCM5B34-1316 | Temp (°C) | 0C TO +100C | V | +0.5V TO +4.5V | 4HZ | 100 OHM PLATINUM RTD | QU | |
| SCM5B34-1317 | Temp (°C) | 0C TO +155C | V | +0.5V TO +4.5V | 4HZ | 100 OHM PLATINUM RTD | QU | |
| SCM5B34-1318 | Temp (°C) | 0C TO +200C | V | +0.5V TO +4.5V | 4HZ | 100 OHM PLATINUM RTD | QU | |
| SCM5B34-1319 | Temp (°C) | 0C TO +270C | V | +0.5V TO +4.5V | 4HZ | 100 OHM PLATINUM RTD | QU | |
| SCM5B34-1320 | Temp (°C) | 0C TO +400C | V | +0.5V TO +4.5V | 4HZ | 100 OHM PLATINUM RTD | QU | |
| SCM5B34-1321 | Temp (°C) | 0C TO +320C | V | +0.5V TO +4.5V | 4HZ | 100 OHM PLATINUM RTD | QU | |
| SCM5B34-1322 | Temp (°C) | 0C TO +100C | V | +0.5V TO +4.5V | 4HZ | 200 OHM PLATINUM RTD | QU | |
| SCM5B34-1323 | Temp (°C) | 0C TO +200C | V | +0.5V TO +4.5V | 4HZ | 200 OHM PLATINUM RTD | QU | |
| SCM5B34-1324 | Temp (°C) | 0C TO +320C | V | +0.5V TO +4.5V | 4HZ | 200 OHM PLATINUM RTD | QU | |
| SCM5B34-1445 | Temp (°F) | -65F TO +300F | V | 0V TO 5V | 4HZ | 500 OHM PLATINUM RTD | PR | |
| SCM5B34-1464 | Temp (°C) | -50C TO +250C | V | 0V TO +5V | 4HZ | 100 OHM PLATINUM RTD | PR | |
| SCM5B34-1502 | Temp (°C) | 0C TO +100C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | Same as SCM5B34-02T, without open input detection |
| SCM5B34-1505 | Temp (°F) | -175F TO +600F | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | |
| SCM5B34-1507T | Temp (°C) | 0C TO +200C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | QU | Same as SCM5B34-03T, without open input detection |
| SCM5B34-1529 | Temp (°C) | 0C TO +200C | V | 0V TO +5V | 4Hz | 1000 OHM PLATINUM RTD | PT | Same as A5B34-03-5021 |
| SCM5B34-1537 | Temp (°C) | -200C TO +400C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | |
| SCM5B34-1562 | Temp (°C) | -200C TO +100C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | |
| SCM5B34-1567 | Temp (°C) | 0C TO +200C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | Alfa = 0.00392 |
| SCM5B34-1622 | Temp (°C) | 0C TO +100C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | Similar to SCM5B34-02, open input to upscale |
| SCM5B34-1623 | Temp (°C) | -100C TO +100C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | Similar to SCM5B34-01, open input to upscale |
| SCM5B34-1624 | Temp (°C) | 0C TO +200C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | Similar to SCM5B34-03, open input to upscale |
| SCM5B34-1857 | Temp (°F) | -55F TO +285F | V | 0V TO +10V | 10HZ | 50 OHM @75F TG Ni RTD | PR | 1.9mA Sensor Excitation Current |
| SCM5B34-1911 | Temp (°C) | 0C TO +120C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | QU | Alfa = 0.003916 |
| SCM5B34-1911 | Temp (°C) | 0C TO +230C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | QU | |
| SCM5B34C-1526 | Temp (°C) | 0C TO +160C | V | 0V TO +5V | 4Hz | 10 OHM @25C COPPER RTD | PR | 0.32C accurate |
| SCM5B34N-1053 | Temp (°C) | +10C TO +150C | V | 0V TO +5V | 4Hz | 120 OHM NICKEL RTD | PR | 0.17C accurate |
| SCM5B34N-1115 | Temp (°F) | -30F TO +200F | V | 0V TO +5V | 4Hz | 120 OHM NICKEL RTD | PR | |
| SCM5B34T-1157 | Temp (°C) | -12C TO +50C | V | 0V TO +5V | 4Hz | 5KOHM THERMISTOR | PR | 1.8K OHM TO 30K OHM IN |
| SCM5B34T-1383 | Temp (°C) | +10C TO +50C | V | 0V TO +10V | 4Hz | THERMISTOR INPUT | QU | Fenwal 112-202EAJ-B01 Thermister |
| SCM5B34T-C001 | Temp (°C) | +150C TO +25C | V | 0V TO +5V | 4Hz | THERMISTOR INPUT | PR | Non-linearized, NTC Thermistor (93 Ohm @ +150C, 5000 Ohm @ +25C) |
| SCM5B35-1002 | Temp (°C) | -130C TO +130C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | 4-wire RTD |
| SCM5B35-1003 | Temp (°C) | -30C TO +230C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | 4-wire RTD |
| SCM5B35-1004 | Temp (°C) | -90C TO +690C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | 4-wire RTD |
| SCM5B35-1148 | Temp (°C) | 0C TO +300C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | 4-wire RTD, 0.33C ACC. |
| SCM5B35-1193 | Temp (°C) | 0C TO +370C | V | 0V TO +10V | 4Hz | ROSEMOUNT E1 PRT | PR | 100 OHM @ 0C |
| SCM5B35-1204 | Temp (°C) | -50C TO +200C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | |
| SCM5B35-1250 | Temp (°C) | 0C TO +150C | V | 0V TO +10V | 4Hz | ROSEMOUNT R1 RTD | PR | |
| SCM5B35-1438 | Temp (°C) | +15C TO +270C | V | 0V TO +5V | 1kHz | 100 OHM PLATINUM RTD | PR | |
| SCM5B35-1450 | Temp (°C) | -100C TO +200C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | |
| SCM5B35-1453 | Temp (°C) | -25C TO +75C | V | 0V TO +10V | 4Hz | 100 OHM PLATINUM RTD | PR | |
| SCM5B35-1475 | Temp (°C) | -150C TO +300C | V | 0V TO +5V | 4Hz | 100 OHM PLATINUM RTD | PR | |
| SCM5B35-1478 | Temp (°C) | -29C TO -9C | V | 0V TO 5V | 100HZ | 100 OHM PLATINUM RTD | PR | 1mA Sensor Excitation Current |
| SCM5B35-1760 | Temp (°C) | +260C TO +350C | V | 0V TO +10V | 4Hz | 100 OHM PLATINUM RTD | PR | |
| SCM5B35-1761 | Temp (°C) | 0C TO +350C | V | 0V TO +10V | 4Hz | 100 OHM PLATINUM RTD | PR | |
| SCM5B35C-1875 | Temp (°C) | 0C TO +160C | V | 0V TO +5V | 4Hz | 10 OHM @25C COPPER RTD | PR | 0.32C accurate |
| SCM5B36-1154 | Temp (°F) | -453F TO +150F | V | 0V TO +10V | 4Hz | PT118MG PLATINUM RTD | PR | |
| SCM5B36-1219 | OHM | 0 OHM TO 2k OHM | V | 0V TO +5V | 4Hz | POTENTIOMETER | QU | |
| SCM5B36-1220 | OHM | 0 OHM TO 5k OHM | V | 0V TO +5V | 4Hz | POTENTIOMETER | QU | |
| SCM5B36-1227 | OHM | 0 OHM TO 100 OHM | V | 0V TO +5V | 20HZ | POTENTIOMETER | PR | |
| SCM5B36-1228 | OHM | 0 OHM TO 500 OHM | V | 0V TO +5V | 100HZ | POTENTIOMETER | PR | |
| SCM5B36-1236 | OHM | 0 OHM TO 10k OHM | V | 0V TO +5V | 100HZ | POTENTIOMETER | PR | |
| SCM5B36-1439 | OHM | 0 OHM TO 500 OHM | V | 0V TO +5V | 4Hz | POTENTIOMETER | PR | 0.1mA Sensor Excitation Current |
| SCM5B36-1532 | OHM | 0 OHM TO 20k OHM | V | 0V TO +5V | 4Hz | POTENTIOMETER | PR | |
| SCM5B37-1325 | Temp (°C) | +20C TO +155C | V | +0.5V TO +4.5V | 4Hz | Fe THERMOCOUPLE | QU | |
| SCM5B37-1326 | Temp (°C) | 0C TO +200C | V | +0.5V TO +4.5V | 4Hz | Cu THERMOCOUPLE | QU | |
| SCM5B37C-1244 | Temp (°C) | +1000C TO +2320C | V | 0V TO +5V | 4Hz | TYPE C THERMOCOUPLE | PR | |
| SCM5B37E-1111 | Temp (°C) | 0C TO +150C | V | -5V TO +5V | 4Hz | TYPE E THERMOCOUPLE | PR | |
| SCM5B37E-1225 | Temp (°C) | -100C TO +800C | V | 0V TO +10V | 4Hz | TYPE E THERMOCOUPLE | PR | |
| SCM5B37E-1486 | Temp (°F) | 0F TO +1400F | V | -5V TO +5V | 4Hz | TYPE E THERMOCOUPLE | PR | Open input response +5.8V |

Status Codes: PR = Production, PT = Prototypes, QU = Quoted

DATAFORTH CUSTOM PRODUCTS

8/15/2022

| Model Number | Input Unit | Input Range | Output Unit | Output Range | BW | Sensor Type | Status | Comments |
|----------------|------------|------------------|-------------|--------------|--------|-----------------------|--------|--|
| SCM5B37E-1487 | Temp (°F) | +32F TO +392F | V | -5V TO +5V | 4Hz | TYPE E THERMOCOUPLE | PR | Open input response +5.8V |
| SCM5B37E-1603 | Temp (°C) | 0C TO +900C | V | -5V TO +5V | 4Hz | TYPE E THERMOCOUPLE | PR | Open input response +5.8V |
| SCM5B37J-1112 | Temp (°C) | 0C TO +150C | V | -5V TO +5V | 4Hz | TYPE J THERMOCOUPLE | QU | |
| SCM5B37J-1274 | Temp (°C) | 0C TO +100C | V | 0V TO +5V | 4Hz | TYPE J THERMOCOUPLE | PR | |
| SCM5B37J-1356 | Temp (°C) | 0C TO +500C | V | 0V TO +5V | 4Hz | TYPE J THERMOCOUPLE | PR | |
| SCM5B37J-1465 | Temp (°C) | 0C TO +200C | V | -5V TO +5V | 4Hz | TYPE J THERMOCOUPLE | PR | |
| SCM5B37J-1488 | Temp (°C) | -100C TO +760C | V | -5V TO +5V | 4Hz | TYPE J THERMOCOUPLE | PR | Open input response +5.8V |
| SCM5B37J-1504 | Temp (°F) | 0F TO +350F | V | 0V TO +5V | 4Hz | TYPE J THERMOCOUPLE | PR | |
| SCM5B37K-1122 | Temp (°C) | 0C TO +500C | V | 0V TO +5V | 4Hz | TYPE K THERMOCOUPLE | QU | Output Clamp Circuit |
| SCM5B37K-1127 | Temp (°C) | 0C TO +1350C | V | 0V TO +5V | 4Hz | PLATINEL THERMOCOUPLE | PR | |
| SCM5B37K-1200 | Temp (°C) | 0C TO +1000C | V | 0V TO +5V | 100HZ | TYPE K THERMOCOUPLE | PR | +/-0.03% accurate |
| SCM5B37K-1214 | Temp (°C) | -100C TO +300C | V | 0V TO +5V | 100HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B37K-1280 | Temp (°F) | -70F TO +400F | V | 0V TO +5V | 4Hz | TYPE K THERMOCOUPLE | PR | |
| SCM5B37K-1281 | Temp (°F) | -70F TO +400F | V | 0V TO +5V | 10Hz | TYPE K THERMOCOUPLE | PR | min phase requirements |
| SCM5B37K-1282 | Temp (°F) | -70F TO +800F | V | 0V TO +5V | 4Hz | TYPE K THERMOCOUPLE | PR | |
| SCM5B37K-1283 | Temp (°F) | -70F TO +1500F | V | 0V TO +5V | 4Hz | TYPE K THERMOCOUPLE | PR | |
| SCM5B37K-1406 | Temp (°C) | -50C TO +200C | V | 0V TO +5V | 4Hz | TYPE K THERMOCOUPLE | PR | |
| SCM5B37K-1523 | Temp (°C) | 0C TO +1000C | V | -5V TO +5V | 4Hz | TYPE K THERMOCOUPLE | PR | Open input response +5.8V |
| SCM5B37K-1604 | Temp (°C) | 0C TO +200C | V | -5V TO +5V | 4Hz | TYPE K THERMOCOUPLE | PR | Open input response +5.8V |
| SCM5B37K-C0008 | Temp (°C) | 0C TO +500C | V | 0V TO +5V | 4Hz | TYPE K THERMOCOUPLE | PR | |
| SCM5B37T-1058 | Temp (°C) | -60C TO +210C | V | 0V TO +5V | 4Hz | TYPE T THERMOCOUPLE | PR | |
| SCM5B37T-1075 | Temp (°C) | -50C TO +100C | V | -4V TO +4V | 4Hz | TYPE T THERMOCOUPLE | PR | |
| SCM5B37T-1605 | Temp (°F) | -100F TO +300F | V | -5V TO +5V | 4Hz | TYPE T THERMOCOUPLE | PR | Open input response +5.8V |
| SCM5B37T-1660 | Temp (°F) | -320F TO +150F | V | 0V TO +5V | 4Hz | TYPE T THERMOCOUPLE | PR | |
| SCM5B37T-C0007 | Temp (°F) | -300F TO +150F | V | 0V TO +5V | 4Hz | TYPE T THERMOCOUPLE | PR | |
| SCM5B38-1012 | mV | -120mV TO +120mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | PR | 10V Excitation, Full Bridge |
| SCM5B38-1037 | mV | -30mV TO +30mV | V | -5V TO +5V | 25HZ | STRAIN GAGE | QU | 10V Exc., Full Bridge |
| SCM5B38-1038 | mV | -30mV TO +30mV | V | -5V TO +5V | 50HZ | STRAIN GAGE | QU | 10V Exc., Full Bridge |
| SCM5B38-1039 | mV | -30mV TO +30mV | V | -5V TO +5V | 100HZ | STRAIN GAGE | QU | 10V Exc., Full Bridge |
| SCM5B38-1040 | mV | -30mV TO +30mV | V | -5V TO +5V | 200HZ | STRAIN GAGE | QU | 10V Exc., Full Bridge |
| SCM5B38-1059 | mV | -10mV TO +10mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | PR | 5V Excitation, Full Bridge |
| SCM5B38-1083 | mV | -30mV TO +30mV | V | -5V TO +5V | 120HZ | STRAIN GAGE | PR | 10V Excitation, Full Bridge |
| SCM5B38-1084 | mV | -20mV TO +20mV | V | -5V TO +5V | 120HZ | STRAIN GAGE | PR | 10V Excitation, Full Bridge |
| SCM5B38-1087 | mV | -10mV TO +10mV | V | -5V TO +5V | 200HZ | STRAIN GAGE | PR | 3.333V Excitation, Full Bridge |
| SCM5B38-1088 | mV | -30mV TO +30mV | V | 0V TO +5V | 4KHZ | STRAIN GAGE | QU | 10V Exc., Full Bridge |
| SCM5B38-1126 | mV | -30mV TO +30mV | V | 0V TO +5V | 10KHZ | STRAIN GAGE | PR | 10V Excitation, Full Bridge |
| SCM5B38-1128 | mV | -20mV TO +20mV | V | 0V TO +5V | 120HZ | STRAIN GAGE | PR | 10V Excitation, Full Bridge |
| SCM5B38-1129 | mV | -20mV TO +20mV | V | -5V TO +5V | 30HZ | STRAIN GAGE | PR | 10V Excitation, Full Bridge |
| SCM5B38-1132 | mV | -5mV TO +5mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | PR | 10V Excitation, Full Bridge |
| SCM5B38-1134 | mV | -100mV TO +100mV | V | -5V TO +5V | 2.5KHZ | STRAIN GAGE | PR | 10V Excitation, Full Bridge |
| SCM5B38-1146 | mV | 0mV TO +10mV | V | -5V TO +5V | 4HZ | STRAIN GAGE | PR | 10V Exc, 1mV/V Sensitivity, Full Bridge |
| SCM5B38-1150 | mV | -10mV TO +10mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | PR | 2V Exc, 5mV/V Sensitivity, Full Bridge |
| SCM5B38-1151 | mV | -20mV TO +20mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | PR | 2V Exc, 10mV/V Sensitivity, Full Bridge |
| SCM5B38-1156 | mV | -70mV TO +70mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | PR | 10V Excitation, 7mV/V Sensitivity, Full Bridge |
| SCM5B38-1161 | mV | -10mV TO +10mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | PR | 3.333V Exc, 3mV/V Sensitivity, Full Bridge |
| SCM5B38-1184 | mV | -10mV TO +10mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | PR | 10V Exc., 1mV/V Sensitivity, Full Bridge |
| SCM5B38-1212 | mV | -20mV TO +20mV | V | 0V TO +5V | 4HZ | STRAIN GAGE | PR | 10V Exc., Full Bridge |
| SCM5B38-1221 | mV | -10mV TO +10mV | V | -5V TO +5V | 1KHZ | STRAIN GAGE | QU | 10V Exc., 4 pole butterworth, Full Bridge |
| SCM5B38-1222 | mV | -20mV TO +20mV | V | -5V TO +5V | 1650HZ | STRAIN GAGE | PT | 10V Exc., 4 pole butterworth, Full Bridge |
| SCM5B38-1223 | mV | -200mV TO +200mV | V | -5V TO +5V | 1650HZ | STRAIN GAGE | QU | 10V Exc., 4 pole butterworth, Full Bridge |
| SCM5B38-1232 | mV | 0mV TO +30mV | V | -5V TO +5V | 4HZ | STRAIN GAGE | PR | 10V Exc., Full Bridge |
| SCM5B38-1235 | mV | -10mV TO +10mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | QU | same as SCM5B38-1184, Full Bridge |
| SCM5B38-1260 | mV | -100mV TO +100mV | V | -5V TO +5V | 20KHZ | STRAIN GAGE | QU | 5V Excitation, Full Bridge |
| SCM5B38-1264 | mV | -5mV TO +5mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | QU | 5V Excitation, half bridge |
| SCM5B38-1284 | mV | -30mV TO +30mV | V | -5V TO +5V | 10HZ | STRAIN GAGE | PR | 10V Exc., full bridge, min phase req. |
| SCM5B38-1285 | mV | -30mV TO +30mV | V | -5V TO +5V | 20HZ | STRAIN GAGE | PR | 10V Exc., full bridge, min phase req. |
| SCM5B38-1286 | mV | -10mV TO +10mV | V | -5V TO +5V | 100HZ | STRAIN GAGE | QU | 10V Excitation, full bridge |
| SCM5B38-1287 | mV | -166mV TO +166mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | PR | 3.333V Excitation, half bridge, 50mV/V |
| SCM5B38-1289 | mV | -30mV TO +30mV | V | -5V TO +5V | 800HZ | STRAIN GAGE | PR | 10V Excitation, full bridge, 3mV/V |
| SCM5B38-1290 | mV | -20mV TO +20mV | V | -5V TO +5V | 800HZ | STRAIN GAGE | PR | 10V Excitation, full bridge, 2mV/V |
| SCM5B38-1298 | mV | -2.5mV TO +2.5mV | V | -5V TO +5V | 5KHZ | STRAIN GAGE | PR | 3.333V Exc., Full Bridge |
| SCM5B38-1327 | mV | -40mV TO +40mV | V | -5V TO +5V | 4HZ | STRAIN GAGE | PR | 10Vexc., Full Bridge, 4mV/V |

Status Codes: PR = Production, PT = Prototypes, QU = Quoted

DATAFORTH CUSTOM PRODUCTS

8/15/2022

| Model Number | Input Unit | Input Range | Output Unit | Output Range | BW | Sensor Type | Status | Comments |
|--------------|------------|------------------|-------------|----------------|--------|----------------|--------|---|
| SCM5B38-1328 | mV | -10mV TO +10mV | V | -10V TO +10V | 10KHZ | STRAIN GAGE | QU | 10Vexc., Full Bridge, 1mV/V |
| SCM5B38-1334 | mV | -10mV TO +10mV | V | -10V TO +10V | 2.5KHZ | STRAIN GAGE | PR | 10V Exc., 1mV/V Sensitivity, Full Bridge |
| SCM5B38-1340 | V | -1V TO +1V | V | -5V TO +5V | 4HZ | STRAIN GAGE | PR | 10Vexc., Half Bridge, 100mV/V |
| SCM5B38-1345 | mV | -30mV TO +30mV | V | -5V TO +5V | 4HZ | STRAIN GAGE | PR | 10V Exc., +/-0.03% Accurate, Full Bridge |
| SCM5B38-1499 | mV | -250mV TO +250mV | V | -5V TO +5V | 10kHz | STRAIN GAGE | PR | 5V Exc., 50mV/V Sensitivity, Full Bridge |
| SCM5B38-1512 | mV | -10mV TO +10mV | V | -5V TO +5V | 10Hz | STRAIN GAGE | PR | 3.333V Exc., 3mV/V Sensitivity, Full Bridge |
| SCM5B38-1560 | mV | -20mV TO +20mV | V | -5V TO +5V | 30HZ | STRAIN GAGE | PR | 10V Exc., 2mV/V Sensitivity, HALF BRIDGE INPUT |
| SCM5B38-1571 | mV | -50mV TO +50mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | PR | 10V Excitation, full bridge, 5mV/V |
| SCM5B38-1581 | mV | -20mV TO +20mV | V | -10V TO +10V | 250HZ | STRAIN GAGE | PR | 10V Excitation, full bridge, 2mV/V |
| SCM5B38-1593 | mV | -10mV TO +10mV | V | -5V TO +5V | 2kHz | STRAIN GAGE | PR | 10V Excitation, full bridge, 1mV/V |
| SCM5B38-1597 | mV | -50mV TO +50mV | V | -5V TO +5V | 10kHz | STRAIN GAGE | PR | 10V Exc., 5mV/V Sensitivity, Full Bridge |
| SCM5B38-1619 | mV | -20mV TO +20mV | V | -5V TO +5V | 10kHz | STRAIN GAGE | PR | Same as SCM5B38-05 with different Osc. Frequency and filter |
| SCM5B38-1620 | mV | -10mV TO +10mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | PR | Similar to 5B38-1184, Full Bridge, Bridge Impedance 4.5kOhm |
| SCM5B38-1627 | mV | -30mV TO +30mV | V | -10V TO +10V | 100HZ | STRAIN GAGE | PR | 10V Excitation, full bridge, 3mV/V |
| SCM5B38-1633 | mV | -20mV TO +20mV | V | -10V TO +10V | 2KHZ | STRAIN GAGE | PR | 10V Excitation, full bridge, 2mV/V |
| SCM5B38-1785 | mV | -50mV TO +50mV | V | -10V TO +10V | 10kHz | STRAIN GAGE | PR | 10V Exc., 5mV/V Sensitivity, Full Bridge |
| SCM5B38-1788 | mV | -100mV TO +100mV | V | -5V TO +5V | 4Hz | STRAIN GAGE | PR | Excitation = 50uA |
| SCM5B38-1851 | mV | -100mV TO +100mV | V | -5V TO +5V | 4Hz | STRAIN GAGE | PR | Excitation = 10uA |
| SCM5B38-1852 | mV | -30mV TO +30mV | V | -5V TO +5V | 10kHz | STRAIN GAGE | PR | SCM5B38-02 with improved vibration and shock resistance |
| SCM5B38-1854 | mV | -30mV TO +30mV | V | -5V TO +5V | 100Hz | STRAIN GAGE | PR | Bessel (Thomson) filter |
| SCM5B38-1878 | mV | -400mV TO +400mV | V | -5V TO +5V | 10KHZ | STRAIN GAGE | RP | |
| SCM5B39-1006 | V | -10V TO +10V | mA | +4mA TO +20mA | 1KHZ | CURRENT OUTPUT | PR | Same as SCM5B392-04 |
| SCM5B39-1007 | V | 0V TO +10V | mA | +4mA TO +20mA | 1KHZ | CURRENT OUTPUT | PR | Same as SCM5B392-03 |
| SCM5B39-1008 | V | -10V TO +10V | mA | +4mA TO +20mA | 4KHZ | CURRENT OUTPUT | PR | |
| SCM5B39-1018 | V | 0V TO +5V | mA | 0mA TO 1mA | 4KHZ | CURRENT OUTPUT | PR | |
| SCM5B39-1019 | V | 0V TO +10V | mA | +1mA TO +20mA | 1KHZ | CURRENT OUTPUT | PR | |
| SCM5B39-1020 | V | 0V TO +10V | mA | 0mA TO +20mA | 1kHz | CURRENT OUTPUT | PR | |
| SCM5B39-1057 | V | 0V TO +5V | mA | 0mA TO +5mA | 400HZ | CURRENT OUTPUT | QU | |
| SCM5B39-1099 | V | -10V TO +10V | mA | +4mA TO +20mA | 4HZ | CURRENT OUTPUT | QU | |
| SCM5B39-1100 | V | -10V TO +10V | mA | 0mA TO +20mA | 4HZ | CURRENT OUTPUT | QU | |
| SCM5B39-1102 | V | -10V TO +10V | mA | 0mA TO +20mA | 1KHZ | CURRENT OUTPUT | QU | |
| SCM5B39-1116 | V | -2.5V TO +2.5V | mA | +4mA TO +20mA | 400HZ | CURRENT OUTPUT | PR | |
| SCM5B39-1177 | V | -10V TO +10V | mA | -20mA TO +20mA | 275HZ | BIPOLAR Iout | PT | External +/-24V Required |
| SCM5B39-1205 | V | -5V TO +5V | mA | -20mA TO +20mA | 275HZ | CURRENT OUTPUT | PR | |
| SCM5B39-1535 | V | 0V TO +5V | mA | -20mA TO +20mA | 275HZ | CURRENT OUTPUT | QU | |
| SCM5B39-1580 | mA | +4mA TO +20mA | mA | 0mA TO +1mA | 400HZ | CURRENT OUTPUT | PR | Accuracy = 0.5% span |
| SCM5B39-1659 | mA | 0mA TO +20mA | mA | +4mA TO +20mA | 400HZ | CURRENT OUTPUT | PR | |
| SCM5B40-1041 | V | -1V TO +1V | V | -5V TO +5V | 2.8HZ | VOLTAGE INPUT | PR | 200Mohm Input Impedance |
| SCM5B40-1042 | V | -1V TO +1V | V | -5V TO +5V | 10KHZ | VOLTAGE INPUT | PR | 200Mohm Input Impedance |
| SCM5B40-1188 | V | -1V TO +1V | V | -5V TO +5V | 10KHZ | VOLTAGE INPUT | PR | 200Mohm Input Z, see -1042, acromag |
| SCM5B40-1231 | V | 0V TO +10V | V | -5V TO +5V | 400HZ | VOLTAGE INPUT | QU | |
| SCM5B40-1333 | mV | -50mV TO +50mV | V | -5V TO +5V | 10KHZ | VOLTAGE INPUT | PR | High CMR |
| SCM5B40-1409 | mV | -100mV TO +100mV | V | -5V TO +5V | 10kHz | VOLTAGE INPUT | PR | High CMR, same as SCM5B40-03 |
| SCM5B40-1437 | mV | -25mV TO +25mV | V | -5V TO +5V | 10kHz | VOLTAGE INPUT | PR | |
| SCM5B40-1506 | mV | 0mV TO +30mV | V | -5V TO +5V | 10kHz | VOLTAGE INPUT | PR | Open input response +5.8V |
| SCM5B40-1533 | mV | 0mV TO +50mV | V | 0V TO +5V | 10kHz | VOLTAGE INPUT | QU | |
| SCM5B40-1664 | mV | -200mV TO +200mV | V | 0V TO +5V | 10kHz | VOLTAGE INPUT | PR | |
| SCM5B40-1749 | V | -1V TO +1V | V | -5V TO +5V | 35HZ | VOLTAGE INPUT | PR | 200Mohm Input Impedance |
| SCM5B40-1862 | mV | -100mV TO +100mV | V | -10V TO +10V | 10KHZ | VOLTAGE INPUT | PR | Same as SCM5B40-03D with passive input pole |
| SCM5B41-1001 | V | -18V TO +18V | V | -5V TO +5V | 10KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1017 | V | -10V TO +10V | V | 0V TO +5V | 10KHZ | VOLTAGE INPUT | QU | 0.03% Accurate |
| SCM5B41-1079 | V | -1V TO +1V | V | 0V TO +5V | 10KHZ | VOLTAGE INPUT | PR | 200Mohm Input Impedance |
| SCM5B41-1085 | V | -1V TO +1V | V | -5V TO +5V | 120HZ | VOLTAGE INPUT | PR | |
| SCM5B41-1086 | V | -5V TO +5V | V | -5V TO +5V | 120HZ | VOLTAGE INPUT | PR | |
| SCM5B41-1113 | V | 0V TO +10V | V | -5V TO +5V | 10KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1117 | V | 0V TO +5V | V | -5V TO +5V | 10KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1118 | V | -50V TO +50V | V | -5V TO +5V | 10KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1142 | V | -10V TO +10V | V | -5V TO +5V | 20KHZ | VOLTAGE INPUT | PR | 1% Accurate |
| SCM5B41-1143 | V | -0.5V TO +0.5V | V | -5V TO +5V | 20KHZ | VOLTAGE INPUT | PR | 1% Accurate |
| SCM5B41-1144 | V | -40V TO +40V | V | -5V TO +5V | 20KHZ | VOLTAGE INPUT | PR | 1% Accurate |
| SCM5B41-1145 | V | -5V TO +5V | V | -5V TO +5V | 20KHZ | VOLTAGE INPUT | PR | 1% Accurate |
| SCM5B41-1155 | V | 0V TO +20V | V | -5V TO +5V | 10KHZ | VOLTAGE INPUT | PR | |

Status Codes: PR = Production, PT = Prototypes, QU = Quoted

DATAFORTH CUSTOM PRODUCTS

8/15/2022

| Model Number | Input Unit | Input Range | Output Unit | Output Range | BW | Sensor Type | Status | Comments |
|--------------|------------|------------------|-------------|--------------|--------|-----------------------|--------|--|
| SCM5B41-1174 | V | +1.91V TO +3.39V | V | 0V TO +5V | 10KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1180 | V | -1V TO +1V | V | -5V TO +5V | 20KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1181 | V | -80V TO +80V | V | -5V TO +5V | 20KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1182 | V | -100V TO +100V | V | -5V TO +5V | 20KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1185 | V | -1V TO +1V | V | -10V TO +10V | 2.5KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1187 | V | -5V TO +5V | V | -5V TO +5V | 1KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1189 | V | -10V TO +10V | V | -5V TO +5V | 10KHZ | VOLTAGE INPUT | PR | Re-labeled SCM5B41-03 |
| SCM5B41-1192 | V | 0V TO +2V | V | 0V TO +5V | 10KHZ | VOLTAGE INPUT | QU | |
| SCM5B41-1199 | V | -100V TO +100V | V | -5V TO +5V | 10KHZ | VOLTAGE INPUT | QU | |
| SCM5B41-1209 | V | -20V TO +20V | V | -5V TO +5V | 20KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1238 | V | -10V TO +10V | V | -10V TO +10V | 50KHZ | VOLTAGE INPUT | QU | |
| SCM5B41-1240 | V | 0V TO +10V | V | -5V TO +5V | 2KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1295 | V | -5V TO +5V | V | -5V TO +5V | 1KHZ | VOLTAGE INPUT | PR | 2M Ohm Input Impedance |
| SCM5B41-1296 | V | -10V TO +10V | V | -5V TO +5V | 1KHZ | VOLTAGE INPUT | PR | 2M Ohm Input Impedance |
| SCM5B41-1297 | V | -30V TO +30V | V | -5V TO +5V | 1KHZ | VOLTAGE INPUT | PR | 2M Ohm Input Impedance |
| SCM5B41-1329 | V | 0 TO +2V | V | -5V TO +5V | 10KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1339 | V | 0V TO +10V | V | 0V TO +5V | 10KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1352 | V | -110V TO +110V | V | -5V TO +5V | 20KHZ | VOLTAGE INPUT | QU | |
| SCM5B41-1357 | V | -60V TO +60V | V | -5V TO +5V | 20KHZ | VOLTAGE INPUT | PR | (similar to 41-1181) |
| SCM5B41-1403 | V | -2V TO +2V | V | -5V TO +5V | 10kHz | VOLTAGE INPUT | PR | |
| SCM5B41-1410 | V | -10V TO +10V | V | -5V TO +5V | 10kHz | VOLTAGE INPUT | PR | High CMR, same as SCM5B41-03 |
| SCM5B41-1432 | V | -5V TO +5V | V | -5V TO +5V | 2kHz | VOLTAGE INPUT | PR | |
| SCM5B41-1466 | V | -10V TO +10V | V | -5V TO +5V | 800HZ | VOLTAGE INPUT | PR | |
| SCM5B41-1477 | V | 0V TO +1V | V | -5V TO +5V | 10kHz | VOLTAGE INPUT | PR | |
| SCM5B41-1528 | V | -10V TO +10V | V | -5V TO +5V | 3kHz | VOLTAGE INPUT | QU | |
| SCM5B41-1534 | V | 0V TO +50V | V | 0V TO +5V | 10kHz | VOLTAGE INPUT | QU | |
| SCM5B41-1578 | V | -10V TO +10V | V | -5V TO +5V | 1KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1587 | V | -20V TO +120V | V | 0V TO +10V | 10KHZ | VOLTAGE INPUT | PR | |
| SCM5B41-1673 | V | -10V TO +10V | V | -10V TO +10V | 20KHZ | VOLTAGE INPUT | PR | 3-pole Bessel filter |
| SCM5B41-1728 | V | -120V TO +120V | V | -5V TO +5V | 10KHZ | VOLTAGE INPUT | PR | 10M Ohm Input Impedance |
| SCM5B41-1755 | V | -10V TO +10V | V | -10V TO +10V | 20KHZ | VOLTAGE INPUT | PR | 10M Ohm Input Impedance |
| SCM5B41-1790 | V | -10V TO +10V | V | -10V TO +10V | 10KHZ | VOLTAGE INPUT | PR | 10M Ohm Input Impedance |
| SCM5B41-1794 | V | -20V TO +20V | V | -10V TO +10V | 20KHZ | VOLTAGE INPUT | PR | Rin = 10M Ohm, Attenuation @ 7kHz = +/-50mV |
| SCM5B41-1811 | V | -2V TO +2V | V | -5V TO +5V | 20KHZ | VOLTAGE INPUT | PR | Rin = 10M Ohm, Attenuation @ 7kHz = +/-50mV |
| SCM5B42-1213 | mA | +4mA TO +20mA | V | +2V TO +10V | 10KHZ | TRANSMITTER INTERFACE | QU | |
| SCM5B42-1243 | mA | +4mA TO +20mA | V | -5V TO +5V | 100HZ | CURRENT INPUT | PR | |
| SCM5B43-1258 | V | -5V TO +5V | V | -5V TO +5V | 1KHZ | DC LVDT INTERFACE | PR | 20Vexc, 24mA, no input protection |
| SCM5B43-1336 | V | -6V TO +6V | V | -5V TO +5V | 1KHZ | DC LVDT INTERFACE | PR | 6V Excitation |
| SCM5B43-1379 | V | -1V TO +1V | V | -5V TO +5V | 10KHZ | DC LVDT INTERFACE | QU | Same as SCM5B43-01 with 10kHz BW |
| SCM5B43-1380 | V | -2V TO +2V | V | -5V TO +5V | 10kHz | DC LVDT INTERFACE | QU | Same as SCM5B43-02 with 10kHz BW |
| SCM5B43-1392 | V | -5V TO +5V | V | -5V TO +5V | 1KHZ | DC LVDT INTERFACE | PR | 20.4V Excitation, 2.0mA |
| SCM5B43-1414 | V | 0V TO +5V | V | -5V TO +5V | 1kHz | DC LVDT INTERFACE | QU | 5V Exc, 40mA (max.), 10MOhm Input Resistance |
| SCM5B43-1433 | V | -5V TO +5V | V | -5V TO +5V | 1kHz | DCLVDT INTERFACE | PR | 5V EXCITATION |
| SCM5B43-1638 | V | -5V TO +5V | V | -5V TO +5V | 400Hz | DCLVDT INTERFACE | PR | 10V EXCITATION |
| SCM5B45-1153 | Hz | 0kHz TO 4kHz | V | -5V TO +5V | N/A | FREQUENCY INPUT | PR | |
| SCM5B45-1163 | Hz | 0kHz TO 6kHz | V | 0V TO +5V | N/A | FREQUENCY INPUT | QU | < 100ms Response Time |
| SCM5B45-1164 | Hz | 0kHz TO 15kHz | V | 0V TO +5V | N/A | FREQUENCY INPUT | PR | < 100ms Response Time |
| SCM5B45-1167 | Hz | 0Hz TO 100Hz | V | 0V TO +10V | N/A | FREQUENCY INPUT | QU | < 1.7% Accuracy |
| SCM5B45-1194 | Hz | 0Hz TO 1kHz | V | 0V TO +5V | N/A | FREQUENCY INPUT | PR | 25ms Response Time |
| SCM5B45-1206 | Hz | 0Hz TO 30Hz | V | 0V TO +5V | N/A | FREQUENCY INPUT | PR | .55 Sec Response Time, 1.0V hysteresis |
| SCM5B45-1210 | Hz | 0Hz TO 150Hz | V | 0V TO +5V | N/A | FREQUENCY INPUT | QU | |
| SCM5B45-1251 | Hz | 0Hz TO 100Hz | V | 0V TO +5V | N/A | FREQUENCY INPUT | PR | |
| SCM5B45-1396 | Hz | 0Hz TO 3kHz | V | 0V TO +5V | N/A | FREQUENCY INPUT | PR | 20mVp-p Minimum Zero Crossing Input |
| SCM5B45-1423 | Hz | 0Hz TO 1600Hz | V | 0V TO 5V | N/A | FREQUENCY INPUT | PR | 20mVp_p Minimum Zero Crossing Input |
| SCM5B45-1429 | Hz | 0Hz TO 1000Hz | V | 0V TO 5V | N/A | FREQUENCY INPUT | PR | 20mVp_p Minimum Zero Crossing Input |
| SCM5B45-1430 | Hz | 0Hz TO 3000Hz | V | 0V TO 5V | N/A | FREQUENCY INPUT | PR | 20mVp_p Minimum Zero Crossing Input |
| SCM5B45-1431 | Hz | 0Hz TO 5000Hz | V | 0V TO 5V | N/A | FREQUENCY INPUT | PT | 20mVp_p Minimum Zero Crossing Input |
| SCM5B45-1470 | Hz | 0Hz TO 569Hz | V | 0V TO +10V | N/A | FREQUENCY INPUT | PR | |
| SCM5B45-1471 | Hz | 0Hz TO 1500Hz | V | 0V TO +10V | N/A | FREQUENCY INPUT | PR | |
| SCM5B45-1480 | Hz | 0Hz TO 9400Hz | V | 0V TO +10V | N/A | FREQUENCY INPUT | PR | 90ms response time |
| SCM5B45-1524 | Hz | 0Hz TO 10kHz | V | -5V TO +5V | N/A | FREQUENCY INPUT | PR | |
| SCM5B45-1525 | Hz | 0Hz TO 15kHz | V | -5V TO +5V | N/A | FREQUENCY INPUT | PR | |

Status Codes: PR = Production, PT = Prototypes, QU = Quoted

DATAFORTH CUSTOM PRODUCTS

8/15/2022

| Model Number | Input Unit | Input Range | Output Unit | Output Range | BW | Sensor Type | Status | Comments |
|---------------|------------|------------------|-------------|--------------|-------|---------------------|--------|---|
| SCM5B45-1598 | Hz | 0Hz TO 25kHz | V | -5V TO +5V | N/A | FREQUENCY INPUT | PR | +/-400mV Input hysteresis |
| SCM5B45-1606 | Hz | 0Hz TO 800Hz | V | -5V TO +5V | N/A | FREQUENCY INPUT | PR | +/-400mV Input hysteresis |
| SCM5B45-1607 | Hz | 0kHz TO 40kHz | V | -5V TO +5V | N/A | FREQUENCY INPUT | PR | +/-400mV Input hysteresis |
| SCM5B45-1610 | Hz | 0kHz TO 5kHz | V | -5V TO +5V | N/A | FREQUENCY INPUT | PR | +/-400mV Input hysteresis |
| SCM5B45-1658 | Hz | 0kHz TO 2.5kHz | V | -5V TO +5V | N/A | FREQUENCY INPUT | PR | +/-400mV Input hysteresis |
| SCM5B47B-1081 | Temp (°C) | +50C TO +1300C | V | 0V TO +5V | 4HZ | TYPE B THERMOCOUPLE | PR | 2-segment accuracy spec |
| SCM5B47B-1215 | Temp (°C) | 0C TO +1750C | V | 0V TO +5V | 4HZ | TYPE B THERMOCOUPLE | PR | 2-segment accuracy spec |
| SCM5B47B-1441 | Temp (°C) | 0C TO +1750C | V | 0V TO +5V | 4HZ | TYPE B THERMOCOUPLE | PR | 2-segment accuracy, -IN shorted to +EXC |
| SCM5B47C-1588 | Temp (°C) | +500C TO +1750C | V | 0 TO +5V | 4HZ | TYPE C THERMOCOUPLE | PR | |
| SCM5B47E-1051 | Temp (°C) | 0C TO +170C | V | 0V TO +5V | 4HZ | TYPE E THERMOCOUPLE | PR | 0.24C Accurate |
| SCM5B47E-1052 | Temp (°C) | 0C TO +275C | V | 0V TO +5V | 4HZ | TYPE E THERMOCOUPLE | PR | 0.28C Accurate |
| SCM5B47E-1067 | Temp (°C) | 0C TO +125C | V | 0V TO +5V | 4HZ | TYPE E THERMOCOUPLE | QU | |
| SCM5B47E-1165 | Temp (°C) | 0C TO +600C | V | 0V TO +5V | 4HZ | TYPE E THERMOCOUPLE | PR | 0.6C Accurate |
| SCM5B47E-1490 | Temp (°F) | 0F TO +1400F | V | 0V TO +5V | 4HZ | TYPE E THERMOCOUPLE | PR | Open input response +5.8V |
| SCM5B47E-1596 | Temp (°C) | 0C TO +200C | V | 0V TO +5V | 4HZ | TYPE E THERMOCOUPLE | PR | 0.2C Accurate, Open Input to +5.8V |
| SCM5B47E-1824 | Temp (°F) | -40F TO +400F | V | 0V TO +5V | 4HZ | TYPE E THERMOCOUPLE | PR | Open Input to +5.8V |
| SCM5B47E-C014 | Temp (°C) | 0C TO +900C | V | 0V TO +5V | 4HZ | TYPE E THERMOCOUPLE | QU | |
| SCM5B47J-1061 | Temp (°C) | -100C TO +400C | V | +1V TO +5V | 4HZ | TYPE J THERMOCOUPLE | PR | |
| SCM5B47J-1412 | Temp (°C) | 0C TO +300C | V | 0V TO +5V | 1kHz | TYPE J THERMOCOUPLE | QU | |
| SCM5B47J-1463 | Temp (°C) | 0C TO +200C | V | 0V TO +5V | 4HZ | TYPE J THERMOCOUPLE | PR | |
| SCM5B47J-1712 | Temp (°C) | 0C TO +500C | V | 0V TO +5V | 200HZ | TYPE J THERMOCOUPLE | PR | |
| SCM5B47J-C012 | Temp (°C) | -100C TO +760C | V | 0V TO +5V | 4HZ | TYPE J THERMOCOUPLE | QU | |
| SCM5B47K-1014 | Temp (°C) | 0C TO +100C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | 0.1C Accurate |
| SCM5B47K-1015 | Temp (°C) | 0C TO +1200C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | 1.0C Accurate |
| SCM5B47K-1035 | Temp (°K) | +77K TO +300K | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | QU | |
| SCM5B47K-1044 | Temp (°C) | -50C TO +200C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | 0.38C Accurate |
| SCM5B47K-1046 | Temp (°C) | -100C TO +120C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | QU | 0.38C Accurate |
| SCM5B47K-1047 | Temp (°C) | -100C TO +150C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | 0.38 C Accurate |
| SCM5B47K-1048 | Temp (°C) | -50C TO +1200C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | 1.0 C Accurate |
| SCM5B47K-1049 | Temp (°F) | -40F TO +1040F | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1060 | Temp (°C) | 0C TO +500C | V | +1V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1073 | Temp (°C) | 0C TO +1250C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1123 | Temp (°C) | -100C TO +400C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1124 | Temp (°C) | 0C TO +150C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | 0.23C Accurate |
| SCM5B47K-1125 | Temp (°C) | C0 TO +50C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | 0.075C Accurate |
| SCM5B47K-1133 | Temp (°C) | 0C TO +1000C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | No Open TC Detect |
| SCM5B47K-1138 | Temp (°C) | -40C TO +300C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1152 | Temp (°C) | 0C TO +1000C | V | 0V TO +5V | 100HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1173 | Temp (°F) | +1300F TO +1800F | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1183 | Temp (°C) | -50C TO +200C | V | 0V TO +10V | 4HZ | TYPE K THERMOCOUPLE | QU | 0.38C Accurate, see -1044 |
| SCM5B47K-1190 | Temp (°C) | -25C TO +100C | V | 0V TO +2.5V | 4HZ | TYPE K THERMOCOUPLE | QU | |
| SCM5B47K-1191 | Temp (°C) | 0C TO +1370C | V | 0V TO +5V | 100HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1203 | Temp (°C) | -100C TO +200C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1234 | Temp (°C) | -25C TO +550C | V | 0V TO +5V | 200HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1239 | Temp (°C) | -50C TO +950C | V | 0V TO +10V | 4HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1291 | Temp (°C) | -50C TO +250C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1294 | Temp (°C) | 0C TO +200C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1332 | Temp (°C) | -50C TO +100C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | QU | |
| SCM5B47K-1435 | Temp (°F) | -300F TO +100F | V | 0V TO +5V | 4Hz | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1436 | Temp (°F) | -300F TO +200F | V | 0V TO +5V | 4Hz | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1442 | Temp (°C) | 0C TO +1250C | V | 0V TO +5V | 4Hz | TYPE K THERMOCOUPLE | PR | -IN shorted to +EXC |
| SCM5B47K-1444 | Temp (°F) | -300F TO +500F | V | 0V TO +5V | 4Hz | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1639 | Temp (°C) | 0C TO +700C | V | 0V TO +5V | 30HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1759 | Temp (°C) | -200C TO +50C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1781 | Temp (°C) | 0C TO +400C | V | 0V TO +10V | 4HZ | TYPE K THERMOCOUPLE | PR | Accuracy = 0.12% span max. |
| SCM5B47K-1782 | Temp (°C) | 0C TO +1260C | V | 0V TO +10V | 4HZ | TYPE K THERMOCOUPLE | PR | Accuracy = 0.20% span max. |
| SCM5B47K-1809 | Temp (°C) | -100C TO +300C | V | 0V TO +5V | 100HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-1820 | Temp (°C) | 0C TO +500C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | Precision CJC, Acc = 0.12% span max |
| SCM5B47K-1838 | Temp (°C) | 0C TO +1000C | V | 0V TO +5V | 200HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47K-C013 | Temp (°C) | -100C TO +1350C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | QU | |
| SCM5B47K-C019 | Temp (°C) | -100C TO +300C | V | 0V TO +5V | 4HZ | TYPE K THERMOCOUPLE | PR | |
| SCM5B47N-1247 | Temp (°C) | -100C TO +900C | V | 0V TO +10V | 4HZ | TYPE N THERMOCOUPLE | PR | |

Status Codes: PR = Production, PT = Prototypes, QU = Quoted

DATAFORTH CUSTOM PRODUCTS

8/15/2022

| Model Number | Input Unit | Input Range | Output Unit | Output Range | BW | Sensor Type | Status | Comments |
|-----------------|------------|-------------------|-------------|---------------|--------|-----------------------|--------|---|
| SCM5B47R-1105 | Temp (°C) | 0C TO +1750C | V | 0V TO +5V | 4HZ | TYPE R THERMOCOUPLE | PR | |
| SCM5B47S-1074 | Temp (°C) | 0C TO +1750C | V | 0V TO +5V | 4HZ | TYPE S THERMOCOUPLE | PR | |
| SCM5B47S-1443 | Temp (°C) | 0C TO +1750C | V | 0V TO +5V | 4HZ | TYPE S THERMOCOUPLE | PR | -IN shorted to +EXC |
| SCM5B47T-1160 | Temp (°C) | 0C TO +200C | V | 0V TO +5V | 50HZ | TYPE T THERMOCOUPLE | PR | < 20ms Response Time |
| SCM5B47T-1176 | Temp (°F) | -350F TO +100F | V | 0V TO +5V | 4HZ | TYPE T THERMOCOUPLE | QU | -212C to +37.8C |
| SCM5B47T-1877 | Temp (°F) | -150F TO +375F | V | 0V TO +10V | 200HZ | TYPE T THERMOCOUPLE | PR | |
| SCM5B47T-1906 | Temp (°C) | -200C TO +50C | V | 0V TO +5V | 4HZ | TYPE T THERMOCOUPLE | QU | |
| SCM5B47T-1910 | Temp (°F) | -200F TO +375F | V | 0V TO +10V | 200HZ | TYPE T THERMOCOUPLE | QU | |
| SCM5B48-1836 | V | -10V TO +10V | V | -10V TO +10V | 20kHz | ACCELEROMETER INPUT | PR | HP = 0.2Hz, EXC = 4mA, Same as SCM5B48-01 (Default) |
| SCM5B49-1098 | V | -10V TO +10V | V | -10V TO +10V | 4HZ | VOLTAGE OUTPUT | PR | |
| SCM5B49-1101 | V | -10V TO +10V | V | -10V TO +10V | 1KHZ | VOLTAGE OUTPUT | PR | |
| SCM5B49-1179 | V | -5V TO +5V | V | -5V TO +5V | 2.5KHZ | VOLTAGE OUTPUT | PR | |
| SCM5B49-1253 | V | -5V TO +5V | V | -5V TO +5V | 400HZ | VOLTAGE OUTPUT | QU | +/- 0.03% accurate upon shipment |
| SCM5B49-1343 | V | -5V TO +5V | V | 0V TO +5V | 400HZ | VOLTAGE OUTPUT | QU | Internal pullup on read enable |
| SCM5B49-1558 | V | -10V TO +10V | V | 0V TO -10V | 400HZ | VOLTAGE OUTPUT | QU | Inverted Output (0V to -10V) |
| SCM5B49-1570 | V | 0V TO +10V | V | 0V TO +2V | 400HZ | VOLTAGE OUTPUT | PR | |
| SCM7B21-1241 | V | 0V TO +10V | V | -10V TO +10V | 300HZ | VOLTAGE INPUT | QU | |
| SCM7B30-1269 | mV | 0mV TO +100mV | V | +1V TO +5V | 100HZ | VOLTAGE INPUT | QU | |
| SCM7B30-1270 | V | -10V TO +10V | V | +1V TO +5V | 100HZ | VOLTAGE INPUT | QU | |
| SCM7B30-1299 | V | 0V TO +1V | V | 0V TO +10V | 60HZ | VOLTAGE INPUT | QU | |
| SCM7B30-1300 | V | 0V TO +1V | V | 0V TO +10V | 300HZ | VOLTAGE INPUT | QU | |
| SCM7B30-1301 | mV | 0mV TO +50mV | V | 0V TO +10V | 3HZ | VOLTAGE INPUT | QU | |
| SCM7B30-1358 | mV | 0mV TO +20mV | mA | 0mA TO +20mA | 3HZ | VOLTAGE INPUT | PR | |
| SCM7B30-1362 | mV | 0mV TO +50mV | mV | 0mV TO +50mV | 3HZ | VOLTAGE INPUT | PR | |
| SCM7B31-1303 | V | -10V TO +10V | V | 0V TO +10V | 60HZ | VOLTAGE INPUT | PR | |
| SCM7B31-1304 | V | -10V TO +10V | V | 0V TO +10V | 300HZ | VOLTAGE INPUT | PR | |
| SCM7B31-1361 | V | -10V TO +10V | V | 0V TO +10V | 3HZ | VOLTAGE INPUT | PR | |
| SCM7B31-1375 | V | -1V TO +1V | V | 0V TO +10V | 3KHZ | VOLTAGE INPUT | QU | |
| SCM7B31-1806 | V | -10V TO +10V | V | 0V TO +10V | 3HZ | VOLTAGE INPUT | PR | Same as SCM7B31-03D, without encapsulant and top label |
| SCM7B32-1255 | mA | +4mA TO +20mA | V | +1V TO +5V | 3HZ | CURRENT INPUT | PR | Pin 0 grounded, output limit -0.7 to 5.7V |
| SCM7B32-1385 | mA | +4mA TO +20mA | V | 0V TO +5V | 1500Hz | CURRENT INPUT | QU | Same as SCM7B32-01A with 1500Hz BW |
| SCM7B32-1705 | mA | +4mA TO +20mA | V | 0V TO +10V | 300Hz | CURRENT INPUT | QU | Same as SCM7B32-01D with 300Hz BW |
| SCM7B32-1807 | mA | +4mA TO +20mA | V | 0V TO +10V | 100Hz | CURRENT INPUT | PR | Same as SCM7B32-01D, without encapsulant and top label |
| SCM7B34-03-1621 | Temp (°C) | 0C TO +200C | V | +1V TO +5V | 3HZ | 100 OHM PLATINUM RTD | PR | Same as SCM7B34-03 with 20mA output current |
| SCM7B34-1366 | Temp (°C) | 0C TO +150C | V | +1V TO +5V | 3HZ | 100 OHM PLATINUM RTD | QU | accuracy +/-0.15%max, +/-0.1% typical |
| SCM7B34-1374 | Temp (°C) | 0C TO +150C | V | +1V TO +5V | 3HZ | 100 OHM PLATINUM RTD | QU | same as 7B34-1366 |
| SCM7B34-1416 | Temp (°C) | -50C TO +150C | V | 0V TO +10V | 3Hz | 2 - 3 WIRE RTD | QU | |
| SCM7B34-1500 | Temp (°C) | -100C TO +200C | V | 0V TO +10V | 10Hz | 100 OHM PLATINUM RTD | QU | |
| SCM7B34-1527 | Temp (°C) | -51C TO +176C | V | 0V TO +5V | 3Hz | 200 OHM PLATINUM RTD | PR | |
| SCM7B34-1631 | Temp (°F) | -300F TO +300F | V | +1V TO +5V | 3Hz | 100 OHM PLATINUM RTD | PR | Minimum output load 200 Ohm |
| SCM7B34-1649 | Temp (°C) | -50C TO +350C | V | +1V TO +5V | 3Hz | 100 OHM PLATINUM RTD | PR | Minimum output load 200 Ohm |
| SCM7B34-1693 | Temp (°C) | 0C TO +200C | V | 0V TO +10V | 3HZ | 50 OHM PLATINUM RTD | PR | Alpha = 0.00392 |
| SCM7B34-1756 | Temp (°C) | -200C TO +200C | V | 0V TO +10V | 3HZ | 100 OHM PLATINUM RTD | PR | |
| SCM7B34-1796 | OHM | 39 OHM TO 104 OHM | V | 0V TO +10V | 3HZ | RESISTANCE INPUT | PR | Output Voltage is linear with respect to Input Resistance |
| SCM7B34-1797 | OHM | 78 OHM TO 208 OHM | V | 0V TO +10V | 3HZ | RESISTANCE INPUT | PR | Output Voltage is linear with respect to Input Resistance |
| SCM7B35-1266 | mA | +4mA TO +20mA | V | +1V TO +5V | 3HZ | TRANSMITTER INTERFACE | PR | 32 OR 35 mode, output limit -0.7 to 5.7V |
| SCM7B35-1265 | mA | +4mA TO +20mA | V | +1V TO +5V | 400HZ | TRANSMITTER INTERFACE | QU | |
| SCM7B35-1293 | mA | +4mA TO +20mA | V | +1V TO +5V | 3HZ | TRANSMITTER INTERFACE | QU | Isolated loop power supply |
| SCM7B36-1246 | OHM | 25 OHM TO 190 OHM | V | +1V TO +5V | 3HZ | POTENTIOMETER INPUT | PR | -F.S. open detect, output limit -.7 to 5.7 |
| SCM7B36-1602 | OHM | 0 OHM TO 5k OHM | V | 0V TO +10V | 15Hz | POTENTIOMETER INPUT | PR | |
| SCM7B37K-1564 | Temp (°C) | -80C TO +780C | V | 0V TO +10V | 3HZ | TYPE K THERMOCOUPLE | PR | |
| SCM7B37T-1501 | Temp (°C) | -100C TO +200C | V | 0V TO +10V | 10Hz | TYPE T THERMOCOUPLE | QU | |
| SCM7B39-1257 | mA | +4mA TO +20mA | mA | +4mA TO +20mA | 100HZ | CURRENT OUTPUT | PR | Input high Z when output loop open |
| SCM7B39-1368 | V | 0V TO +5V | mA | 0mA TO +1mA | 100HZ | CURRENT OUTPUT | QU | 0 TO 13kohm LOAD, 50M ohm Rin |
| SCM7B39-1373 | mA | +4mA TO +20mA | mA | +4mA TO +20mA | 100HZ | CURRENT OUTPUT | QU | 250 OHM LOAD |
| SCM7B39-1808 | V | 0V TO +10V | mA | +4mA TO +20mA | 100HZ | CURRENT OUTPUT | PR | Same as SCM7B39-03, without encapsulant and top label |
| SCM7B40-1405 | V | 0V TO 1V | V | 0V TO +5V | 1kHz | VOLTAGE INPUT | QU | |
| SCM7B41-1415 | V | -100V TO +100V | V | -10V TO +10V | 10kHz | VOLTAGE INPUT | QU | |
| SCM7B41-1769 | V | -10V TO +10V | V | -10V TO +10V | 2kHz | VOLTAGE INPUT | PR | |
| SCM7B41-1770 | V | -10V TO +10V | V | -10V TO +10V | 10kHz | VOLTAGE INPUT | PR | |
| SCM7B47E-1684 | Temp (°F) | -60F TO +1200F | V | 0V TO +10V | 150Hz | TYPE E THERMOCOUPLE | PR | |
| SCM7B47J-1386 | Temp (°C) | 0C TO +760C | V | 0V TO +5V | 500Hz | TYPE J THERMOCOUPLE | PR | Same as SCM7B47J-01A with 500Hz BW |

Status Codes: PR = Production, PT = Prototypes, QU = Quoted

DATAFORTH CUSTOM PRODUCTS

8/15/2022

| Model Number | Input Unit | Input Range | Output Unit | Output Range | BW | Sensor Type | Status | Comments |
|---------------|------------|-------------------|-------------|---------------|--------|----------------------|--------|--|
| SCM7B47K-1254 | Temp (°C) | -50C TO +600C | V | +1V TO +5V | 3HZ | TYPE K THERMOCOUPLE | PR | -F.S. open detect, output limit -.7 to 5.7 |
| SCM7B47K-1288 | Temp (°C) | -50C TO +1000C | V | +1V TO +5V | 3HZ | TYPE K THERMOCOUPLE | PR | -F.S. open detect, output limit -.7 to 5.7 |
| SCM7B47K-1387 | Temp (°C) | 0C TO +1300C | V | 0V TO 5V | 1500Hz | TYPE K THERMOCOUPLE | PR | Same as SCM&B47k-03A with 1500Hz BW |
| SCM7B47K-1515 | Temp (°C) | -40C TO +300C | V | 0V TO +10V | 3HZ | TYPE K THERMOCOUPLE | PR | |
| SCM7B47K-1650 | Temp (°C) | 0C TO +600C | V | +1V TO +5V | 3HZ | TYPE K THERMOCOUPLE | PR | Minimum output load 200 Ohm |
| SCM7B47T-1226 | Temp (°C) | -100C TO +400C | V | 0V TO +10V | 3HZ | TYPE T THERMOCOUPLE | PR | 240VAC protection |
| SCM7B47T-1691 | Temp (°C) | -200C TO +200C | V | 0V TO +10V | 3HZ | TYPE T THERMOCOUPLE | PR | |
| 8B31-1734 | V | -10V TO +10V | V | -5V TO +5V | 12Hz | VOLTAGE INPUT | PR | Input Resistance = 1MOhm min |
| 8B31-1735 | V | -24V TO +24V | V | -5V TO +5V | 12Hz | VOLTAGE INPUT | PR | Input Resistance = 1MOhm min |
| 8B31-1736 | V | -10V TO +10V | V | -5V TO +5V | 100Hz | VOLTAGE INPUT | PR | Input Resistance = 1MOhm min |
| 8B31-1841 | V | -120V TO +120V | V | -5V TO +5V | 3Hz | VOLTAGE INPUT | PR | Input Resistance = 1MOhm min |
| 8B31-1842 | V | -150V TO +150V | V | -5V TO +5V | 3Hz | VOLTAGE INPUT | PR | Input Resistance = 1MOhm min |
| 8B31-1843 | V | -200V TO +200V | V | -5V TO +5V | 3Hz | VOLTAGE INPUT | PR | Input Resistance = 1MOhm min |
| 8B31-1876 | V | -150V TO +150V | V | -5V TO +5V | 3Hz | VOLTAGE INPUT | PR | Input Resistance = 100MOhm min |
| 8B32-1754 | mA | 0mA TO +20mA | V | 0V TO +5V | 1kHz | CURRENT INPUT | PR | |
| 8B33-1743 | V | 0V TO 1V AC | V | 0V TO +5V | N/A | RMS INPUT | PR | Similar to 8B33-01. Corrects output error at low input |
| 8B33-1745 | V | 0V TO 10V AC | V | 0V TO +5V | N/A | RMS INPUT | PR | Similar to 8B33-02. Corrects output error at low input |
| 8B33-1784 | mA | 0mA TO +25mA AC | V | 0V TO +5V | 10kHz | RMS INPUT | PR | |
| 8B34-1795 | Temp (°C) | -100C TO +600C | V | 0V TO +5V | 3Hz | 100 OHM PT RTD | PR | |
| 8B34-1830 | Temp (°C) | -200C TO +200C | V | 0V TO +5V | 3Hz | 100 OHM PT RTD | PR | |
| 8B35-1708 | Temp (°C) | -20C TO +70C | V | 0V TO +5V | 3Hz | 100 OHM PT RTD | PR | |
| 8B35-1765 | Temp (°C) | -200C TO +200C | V | 0V TO +5V | 3Hz | 100 OHM PT RTD | PR | |
| 8B35-1819 | Temp (°C) | -100C TO +300C | V | 0V TO +5V | 3Hz | 100 OHM PT RTD | PR | |
| 8B38-1682 | mV | -5mV TO +5mV | V | -5V TO +5V | 3HZ | STRAIN GAGE INPUT | PR | 10Vexc., Full Bridge, 0.5mV/V Sensitivity |
| 8B38-1805 | mV | -5mV TO +5mV | V | -5V TO +5V | 50Hz | STRAIN GAGE INPUT | PR | Similar to 8B38-1682 with 50Hz BW |
| 8B39-1716 | V | 0V TO +5V | mA | 0mA TO +20mA | 100Hz | CURRENT OUTPUT | PR | Similar to 8B39-03. No BGA. |
| 8B41-1634 | V | 0V TO +10V | V | -5V TO +5V | 1kHz | VOLTAGE INPUT | PR | |
| 8B41-1644 | mV | 0mV TO 250mV | V | 0V TO +5V | 1kHz | VOLTAGE INPUT | PR | |
| 8B41-1768 | V | -10V TO +10V | V | -5V TO +5V | 250Hz | VOLTAGE INPUT | PR | |
| 8B47K-1666 | Temp (°C) | -100C TO +200C | V | 0V TO +5V | 3HZ | TYPE K THERMOCOUPLE | PR | |
| 8B47K-1753 | Temp (°C) | -100C TO +1350C | V | 0V TO +5V | 1kHz | TYPE K THERMOCOUPLE | PR | |
| 8B47S-1802 | Temp (°C) | +20C TO +1750C | V | 0V TO +5V | 3Hz | TYPE S THERMOCOUPLE | PR | |
| 8B47T-1829 | Temp (°C) | -200C TO +200C | V | 0V TO +5V | 3Hz | TYPE T THERMOCOUPLE | PR | |
| 8B49-1690 | V | -10V TO +10V | V | -10V TO +10V | 1kHz | VOLTAGE OUTPUT | PR | Similar to 8B49-05. No BGA. |
| 8B51-1751 | V | -40V TO +40V | V | -5V TO +5V | 20kHz | VOLTAGE INPUT | PR | |
| 8B51-1831 | V | -200V TO +200V | V | -5V TO +5V | 20kHz | VOLTAGE INPUT | PR | Input Resistance = 10MOhm min |
| 8B51-1832 | V | -200V TO +200V | V | -5V TO +5V | 20kHz | VOLTAGE INPUT | PR | Input Resistance = 1MOhm min |
| 8B51-1837 | V | -120V TO +120V | V | -5V TO +5V | 20kHz | VOLTAGE INPUT | PR | Input Resistance = 1MOhm min |
| DSCA30-1364 | V | -1V TO +1V | V | 0V TO +10V | 3HZ | VOLTAGE INPUT | QU | High Rin (opa124) |
| DSCA30-1365 | V | -1V TO +1V | mA | +4mA TO +20mA | 3HZ | VOLTAGE INPUT | QU | High Rin (opa124) |
| DSCA30-1390 | mV | +900mV TO +1200mV | V | 0V TO +10V | 3HZ | VOLTAGE INPUT | QU | Min. Input impedance 10Mohm |
| DSCA30-1494 | mV | 0mV TO +50mV | V | 0V TO +5V | 1650Hz | VOLTAGE INPUT | PR | 4-pole butterworth filter |
| DSCA30-1764 | mV | -50mV TO +50mV | V | -10V TO +10V | 3Hz | VOLTAGE INPUT | PR | High temperature rated case |
| DSCA31-1271 | V | 0V TO +24V | V | 0V TO +10V | 3HZ | VOLTAGE INPUT | PR | |
| DSCA31-1272 | V | 0V TO +48V | V | 0V TO +10V | 3HZ | VOLTAGE INPUT | PR | |
| DSCA31-1273 | V | 0V TO +150V | V | 0V TO +10V | 3HZ | VOLTAGE INPUT | PR | |
| DSCA31-1407 | V | +1V TO +5V | V | +1V TO +5V | 3HZ | VOLTAGE INPUT | PR | |
| DSCA31-1451 | V | 0V TO +5V | mV | 0mV TO +50mV | 3HZ | VOLTAGE INPUT | QU | 5% Accuracy |
| DSCA31-1493 | V | 0V TO +20V | V | 0V TO +5V | 1650Hz | VOLTAGE INPUT | PR | 4-pole butterworth filter |
| DSCA31-1495 | V | -5V TO +5V | V | -5V TO +5V | 100Hz | VOLTAGE INPUT | PR | 4-pole butterworth filter |
| DSCA31-1697 | V | 0V TO +5V | V | 0V TO +10V | 3Hz | VOLTAGE INPUT | PR | High temperature rated case. Special burn-in |
| DSCA32-1418 | mA | 0mA TO +1mA | mA | +4mA TO +20mA | 100Hz | CURRENT INPUT | PR | |
| DSCA32-1469 | mA | 0mA TO +1mA | mA | 0mA TO +1mA | 100Hz | CURRENT INPUT | PR | |
| DSCA32-1514 | mA | -10mA TO +10mA | V | -10V TO +10V | 1kHz | CURRENT INPUT | PR | |
| DSCA32-1825 | mA | +4mA TO +20mA | V | 0V TO +10V | 3kHz | CURRENT INPUT | PR | Similar to DSCA32-01 with 3kHz BW |
| DSCA33-1440 | V | 0Vrms TO +10Vrms | V | 0V TO +10V DC | N/A | AC VOLTAGE INPUT | PR | Calibrated at 4.5kHz (triangular wave) |
| DSCA33-1503 | V | 0Vrms TO +20Vrms | mA | +4mA TO +20mA | N/A | AC VOLTAGE INPUT | PR | |
| DSCA33-1586 | V | 0Vrms TO +1Vrms | V | 0V TO +10V | N/A | AC VOLTAGE INPUT | PR | Input Frequency: 7 to 1kHz, Input Protection: 25Vrms |
| DSCA33-1642 | V | 0Vrms TO +40Vrms | V | 0V TO +10V | N/A | AC VOLTAGE INPUT | PR | |
| DSCA33-1891 | V | 0Vrms TO +4Vrms | mA | +4mA TO +20mA | N/A | AC VOLTAGE INPUT | QU | |
| DSCA34-1589 | Temp (°C) | -50C TO +150C | V | 0V TO +10V | 3HZ | 100 OHM PLATINUM RTD | PR | |
| DSCA34-1858 | Temp (°F) | -100F TO +500F | V | 0V TO +10V | 3HZ | 100 OHM PLATINUM RTD | PR | |

Status Codes: PR = Production, PT = Prototypes, QU = Quoted

DATAFORTH CUSTOM PRODUCTS

8/15/2022

| Model Number | Input Unit | Input Range | Output Unit | Output Range | BW | Sensor Type | Status | Comments |
|--------------|------------|------------------|-------------|------------------|-------|-----------------------|--------|--|
| DSCA34-1908 | Temp (°C) | 0C TO +120C | mA | +4mA TO +20mA | 3HZ | 100 OHM PLATINUM RTD | QU | Alpha = 0.00392 |
| DSCA34-1909 | Temp (°C) | 0C TO +230C | mA | +4mA TO +20mA | 3HZ | 100 OHM PLATINUM RTD | QU | Alpha = 0.00385 |
| DSCA36-1614 | OHM | 0 OHM TO 10k OHM | mA | +4mA TO +20mA | 1kHz | POTENTIOMETER INPUT | PR | |
| DSCA37J-1346 | Temp (°C) | 0C TO +100C | V | 0V TO +5V | 3HZ | TYPE J THERMOCOUPLE | PR | |
| DSCA38-1335 | mV | -21mV TO +21mV | V | -10V TO +10V | 8KHZ | STRAIN GAGE | PR | 7Vexc., Full Bridge, 3mV/V |
| DSCA38-1337 | mV | 0mV TO +250mV | V | 0V TO +10V | 1KHZ | STRAIN GAGE | QU | 5V @ 50mA exc. |
| DSCA38-1338 | mV | 0mV TO +10mV | V | 0V TO +10V | 1KHZ | STRAIN GAGE | QU | 5V @ 50mA exc. |
| DSCA38-1348 | mV | -20mV TO +20mV | V | -10V TO +10V | 10HZ | STRAIN GAGE | PR | 10V excitation |
| DSCA38-1363 | mV | -10mV TO +10mV | V | -10V TO +10V | 3HZ | STRAIN GAGE | PR | 5V Exc., 2mV/V SENSITIVITY |
| DSCA38-1376 | mV | -10mV TO +10mV | V | -10V TO +10V | 250Hz | STRAIN GAGE | PR | 10V Exc., 1mV/V Sensitivity |
| DSCA38-1377 | mV | -10mV TO +10mV | V | -10V TO +10V | 3Hz | STRAIN GAGE | PR | 3.333V Exc., 3mV/V Sensitivity |
| DSCA38-1389 | mV | -30mV TO +30mV | V | -10V TO +10V | 3kHz | STRAIN GAGE | QU | Same as DSCA38-02 with 25% gain adjustment |
| DSCA38-1408 | mV | -10mV TO +10mV | mA | +4mA TO +20mA | 3Hz | STRAIN GAGE | PR | Similar to DSCA38-08C |
| DSCA38-1422 | mV | -30mV TO +30mV | V | -10V TO +10V | 8kHz | STRAIN GAGE | PR | 10V Exc, 3mV/V Sensitivity, 25% Gain Adjustment |
| DSCA38-1455 | mV | 0mV TO +2.34mV | V | 0V TO +5V | 10HZ | STRAIN GAGE | PR | 10V Exc., 0.234mV/V Sensitivity |
| DSCA38-1468 | mV | 0mV TO +20mV | V | -10V TO +10V | 3kHz | STRAIN GAGE | PR | 10V Exc., 2mV/V Sensitivity |
| DSCA38-1489 | mV | 0mV TO +50mV | V | 0V TO +10V | 3kHz | STRAIN GAGE | QU | 10V Exc., 5mV/V Sensitivity |
| DSCA38-1496 | mV | -500mV TO +500mV | V | -5V TO +5V | 100Hz | STRAIN GAGE | PR | 4-pole butterworth filter |
| DSCA38-1518 | mV | 0mV TO +9.6mV | V | 0V TO +10V | 3kHz | STRAIN GAGE | PT | 6V Exc., 1.6mV/V Sensitivity |
| DSCA38-1519 | mV | 0mV TO +33.3mV | V | 0V TO +10V | 3kHz | STRAIN GAGE | PT | 10V Exc., 3.33mV/V Sensitivity |
| DSCA38-1544 | mV | -20mV TO +20mV | V | -10V TO +10V | 250HZ | STRAIN GAGE | PR | 10V Exc., 2mV/V Sensitivity |
| DSCA38-1611 | mV | 0mV TO +100mV | V | 0V TO +10V | 3kHz | STRAIN GAGE | PR | 5V Exc., 20mV/V Sensitivity |
| DSCA38-1636 | mV | -100mV TO +100mV | V | -10V TO +10V | 8kHz | STRAIN GAGE | PR | 10V Exc, 10mV/V Sensitivity, 25% Gain Adjustment |
| DSCA38-1683 | mV | -75mV TO +75mV | V | -10V TO +10V | 8kHz | STRAIN GAGE | PR | 10V Exc, 7.5mV/V Sensitivity, 25% Gain Adjustment |
| DSCA38-1762 | mV | -10mV TO +10mV | V | -10V TO +10V | 3kHz | STRAIN GAGE | PR | 7V Exc., Full Bridge, 1.43mV/V sensitivity |
| DSCA38-1793 | mV | -20mV TO +20mV | V | -10V TO +10V | 1kHz | STRAIN GAGE | PR | 5V Exc., Full Bridge, 4mV/V sensitivity |
| DSCA38-1896 | mV | 0mV TO +10mV | mA | +4mA TO +20mA | 3Hz | STRAIN GAGE | QU | 10V Exc., 1mV/V Sensitivity |
| DSCA38-1907 | mV | 0mV TO +16mV | V | 0V TO +10V | 3kHz | STRAIN GAGE | PR | 5V Exc., 3.2mV/V Sensitivity |
| DSCA39-1402 | mA | -5mA TO +5mA | mA | -5mA TO +5mA | 1kHz | CURRENT OUTPUT | QU | |
| DSCA39-1446 | V | -10V TO +10V | mA | -15mA TO +15mA | 1kHz | CURRENT OUTPUT | PR | |
| DSCA39-1479 | mA | -1.2mA TO +1.2mA | mA | -1.2mA TO +1.2mA | 1kHz | CURRENT OUTPUT | PR | |
| DSCA39-1513 | V | -10V TO +10V | mA | -10mA TO +10mA | 1kHz | CURRENT OUTPUT | PR | |
| DSCA39-1577 | V | -10V TO +10V | mA | -7.5mA TO +7.5mA | 1kHz | CURRENT OUTPUT | PR | |
| DSCA39-1890 | V | 0V TO +10V | mA | 0mA TO +2mA | 1kHz | CURRENT OUTPUT | PR | |
| DSCA40-1381 | mV | -50mV TO +50mV | V | -10V TO +10V | 3kHz | VOLTAGE INPUT | PR | Same as DSCA40-02 with conformal coating |
| DSCA40-1817 | mV | 0mV TO +20mV | V | 0V TO +10V | 3kHz | VOLTAGE INPUT | PR | |
| DSCA40-1894 | mV | -100mV TO +100mV | V | -10V TO +10V | 20kHz | VOLTAGE INPUT | QU | |
| DSCA41-1397 | V | 0V TO +5V | V | 0V TO +5V | 3kHz | VOLTAGE INPUT | PR | 10 Mohm input impedance |
| DSCA41-1413 | V | 0V TO +5V | V | -10V TO +10V | 3kHz | VOLTAGE INPUT | QU | |
| DSCA41-1568 | V | -100V TO +100V | V | -10V TO +10V | 3kHz | VOLTAGE INPUT | PR | 2Mohm input resistance |
| DSCA41-1651 | V | -10V TO +10V | V | -10V TO +10V | 10kHz | VOLTAGE INPUT | PR | |
| DSCA41-1742 | V | -10V TO +10V | mA | 0mA TO +25mA | 3kHz | VOLTAGE INPUT | PR | Accuracy = 0.025% Span, max. |
| DSCA41-1893 | V | -100V TO +100V | V | -10V TO +10V | 20kHz | VOLTAGE INPUT | QU | |
| DSCA42-1447 | mA | +4mA TO +20mA | V | 0V TO +10V | 3kHz | TRANSMITTER INTERFACE | PR | |
| DSCA43-1448 | V | 0V TO +5V | V | 0V TO +10V | 15HZ | GENERAL PURPOSE | PR | 10V EXC. |
| DSCA43-1449 | V | 0V TO +5V | V | 0V TO +10V | 300HZ | GENERAL PURPOSE | PR | 10V EXC. |
| DSCA45-1395 | Hz | 0Hz TO 1500Hz | V | 0V TO +10V | N/A | FREQUENCY INPUT | PR | 28mV zero-crossing threshold |
| DSCA45-1541 | Hz | 0Hz TO 5kHz | V | 0V TO +10V | N/A | FREQUENCY INPUT | PR | 2mS response time. 60mVp-p minimum input. |
| DSCA45-1746 | Hz | 0Hz TO 100Hz | V | 0V TO +10V | N/A | FREQUENCY INPUT | PR | 1.55 seconds response time. 60mVp-p minimum input. |
| DSCA47K-1360 | Temp (°C) | 0C TO +250C | mA | +4mA TO +20mA | 3HZ | TYPE K THERMOCOUPLE | PR | down scale open detect |
| DSCA47K-1370 | Temp (°C) | 0C TO +500C | mA | +4mA TO +20mA | 3HZ | TYPE K THERMOCOUPLE | PR | down scale open detect |
| DSCA47K-1371 | Temp (°C) | 0C TO +1000C | mA | +4mA TO +20mA | 3HZ | TYPE K THERMOCOUPLE | PR | down scale open detect |
| DSCA47K-1372 | Temp (°C) | -50C TO +200C | V | 0V TO +10V | 3HZ | TYPE K THERMOCOUPLE | PR | |
| DSCA47K-1467 | Temp (°C) | -40C TO +600C | V | 0V TO +10V | 3HZ | TYPE K THERMOCOUPLE | PR | |
| DSCA47K-1492 | Temp (°C) | -100C TO +300C | mA | +4mA TO +20mA | 3HZ | TYPE K THERMOCOUPLE | PR | |
| DSCA47K-1600 | Temp (°F) | 0F TO +800F | mA | 0mA TO +20mA | 100Hz | TYPE K THERMOCOUPLE | PR | |
| DSCA47N-1359 | Temp (°C) | 0C TO +1300C | mA | +4mA TO +20mA | 3HZ | TYPE N THERMOCOUPLE | PR | down scale open detect |
| DSCA47S-1645 | Temp (°C) | 0C TO +1750C | mA | +4mA TO +20mA | 3HZ | TYPE S THERMOCOUPLE | PR | |
| DSCA49-1601 | V | -10V TO +10V | V | -11.2V TO +11.2V | 3kHz | VOLTAGE OUTPUT | PR | Output ±10.2V to ±10.8V @ 3kHz (±11.2V @ DC) |
| DSCT31-1698 | V | 0V TO +10V | mA | +4mA TO +20mA | 100Hz | VOLTAGE INPUT | PR | |
| DSCT47K-1424 | Temp (°C) | 0C TO +250C | mA | +4mA TO +20mA | 3Hz | TYPE K THERMOCOUPLE | PR | Down Scale Open TC |
| DSCT47K-1425 | Temp (°C) | 0C TO +500C | mA | +4mA TO +20mA | 3Hz | TYPE K THERMOCOUPLE | PR | Down Scale Open TC |

Status Codes: PR = Production, PT = Prototypes, QU = Quoted

DATAFORTH CUSTOM PRODUCTS

8/15/2022

| Model Number | Input Unit | Input Range | Output Unit | Output Range | BW | Sensor Type | Status | Comments |
|----------------|------------|----------------------------|-------------|---------------|-----|---------------------|--------|---|
| DSCT47K-1426 | Temp (°C) | 0C TO +1000C | mA | +4mA TO +20mA | 3Hz | TYPE K THERMOCOUPLE | PR | Down Scale Open TC |
| DSCT47N-1427 | Temp (°C) | 0C TO +1300C | mA | +4mA TO +20mA | 3Hz | TYPE N THERMOCOUPLE | PR | Down Scale Open TC |
| LDM422-1077 | | | | | | | QU | 18V AC INPUT POWER |
| LDM422-P-1417 | | | | | | | PR | Same as LDM422-P with extended operating temperature of -40C to +80C |
| LDM485-S-1565 | | | | | | | PR | Rated for operation over -40C to +70C |
| SCM5B-1369 | | | | | | | QU | REFERENCE MODULE W/OUTPUT SWITCH +5V +/- 0.1% MAX OUT |
| SCM5BPT-1367 | | | | | | | PR | PASS THROUGH MODULE WITH OUTPUT SWITCH |
| SCM5BPT-1516 | | | | | | | PR | PASS THROUGH MODULE WITH INPUT PROTECTIONS |
| SCM7BP08-1542 | | | | | | | PR | SCM7BP08 with no field connector and no CJC. |
| SCM7BPT-1733 | | | | | | | PR | Pass through module with 200 Ohm, 3W, conversion resistor. |
| SCMPB-1590 | | | | | | | PR | (1) SCMPB07-3 and (2) SCMPB04-2 assembled together |
| SCMPB01-1026 | | | | | | | QU | CAL. RESISTOR AND RELAY FOR STRAIN GAUGE CALIBRATION. |
| SCMPB01-1141 | | | | | | | PR | NO CJC. INSTALL 10K, 1% RESISTOR IN XR1 POSITION |
| 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 |
| SCMPB02-1646 | | | | | | | PR | SCMPB02 with DIN rail Mount |
| 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 |
| SCMPB04-1828 | | | | | | | PR | CJC, TB1 thru TB4 not installed |
| 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 | V | -25V TO +25V | V | -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) |
| SCMXCS-1546 | | | | | | | PR | SCM5B CASE, SCREW, HEADER (NO PCB, PIN BLOCK) |
| 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) |
| SCMXRK-1024 | | | | | | | QU | 3U RACK |