

Coefficients of polinom: $T=K1+K2*(1000.0/R)+...+K7*[(1000.0/R)]^{**6}+...$

K1 = 29.724726201849989600
K2 = -322.597145571373403000
K3 = 1469.059269431978460000
K4 = -3228.220417719334360000
K5 = 3709.492413531988860000
K6 = -1978.188937759026880000
K7 = 578.593146409839392000

k112-05

Calibrated (4.2 - 300 K), I measur.= 10.00 mA

TMi Carbon Ceramic Sensor (CCS), type C2, N 813

Measured	R, Ohm	3029.020	2767.310	2533.740	2371.490	2253.110	2156.710
Measured	T, K	4.237	5.003	6.021	7.022	7.986	8.986
Calculated	T, K	4.236	5.004	6.022	7.022	7.987	8.986
Error	DT, mK	-1.116	1.449	0.833	-0.247	0.824	-0.364

Measured	R, Ohm	2077.460	1958.950	1832.560	1744.600	1698.910	1608.630
Measured	T, K	10.005	11.997	15.058	18.070	20.047	25.088
Calculated	T, K	10.004	11.995	15.057	18.072	20.047	25.089
Error	DT, mK	-1.408	-1.724	-1.481	2.157	-0.072	0.540

Measured	R, Ohm	1548.790	1264.300	1176.900	1114.060	1050.050	1015.970
Measured	T, K	29.552	77.340	111.040	147.110	199.850	237.380
Calculated	T, K	29.555	77.337	111.036	147.114	199.863	237.364
Error	DT, mK	2.640	-3.187	-3.747	3.928	12.645	-15.838

Measured	R, Ohm	973.750
Measured	T, K	296.440
Calculated	T, K	296.444
Error	DT, mK	4.168

R, Ohm	T, K	R, Ohm	T, K	R, Ohm	T, K	R, Ohm	T, K
3060.00	4.164	2960.00	4.409	2860.00	4.696	2760.00	5.031
3055.00	4.175	2955.00	4.423	2855.00	4.712	2755.00	5.049
3050.00	4.187	2950.00	4.436	2850.00	4.727	2750.00	5.067
3045.00	4.198	2945.00	4.450	2845.00	4.743	2745.00	5.086
3040.00	4.210	2940.00	4.463	2840.00	4.759	2740.00	5.104
3035.00	4.222	2935.00	4.477	2835.00	4.775	2735.00	5.123
3030.00	4.234	2930.00	4.491	2830.00	4.791	2730.00	5.142
3025.00	4.245	2925.00	4.505	2825.00	4.807	2725.00	5.161
3020.00	4.258	2920.00	4.519	2820.00	4.824	2720.00	5.180
3015.00	4.270	2915.00	4.533	2815.00	4.840	2715.00	5.199
3010.00	4.282	2910.00	4.547	2810.00	4.857	2710.00	5.219
3005.00	4.294	2905.00	4.562	2805.00	4.874	2705.00	5.239
3000.00	4.307	2900.00	4.576	2800.00	4.891	2700.00	5.259
2995.00	4.319	2895.00	4.591	2795.00	4.908	2695.00	5.279
2990.00	4.332	2890.00	4.605	2790.00	4.925	2690.00	5.299
2985.00	4.344	2885.00	4.620	2785.00	4.942	2685.00	5.319
2980.00	4.357	2880.00	4.635	2780.00	4.960	2680.00	5.339
2975.00	4.370	2875.00	4.650	2775.00	4.977	2675.00	5.360
2970.00	4.383	2870.00	4.665	2770.00	4.995	2670.00	5.381
2965.00	4.396	2865.00	4.681	2765.00	5.013	2665.00	5.402

2660.00	5.423	2380.00	6.961	2100.00	9.693	1820.00	15.434
2655.00	5.444	2375.00	6.997	2095.00	9.760	1815.00	15.589
2650.00	5.466	2370.00	7.032	2090.00	9.828	1810.00	15.746
2645.00	5.488	2365.00	7.069	2085.00	9.898	1805.00	15.906
2640.00	5.510	2360.00	7.105	2080.00	9.968	1800.00	16.069
2635.00	5.532	2355.00	7.142	2075.00	10.039	1795.00	16.234
2630.00	5.554	2350.00	7.180	2070.00	10.111	1790.00	16.403
2625.00	5.576	2345.00	7.217	2065.00	10.184	1785.00	16.574
2620.00	5.599	2340.00	7.255	2060.00	10.258	1780.00	16.748
2615.00	5.622	2335.00	7.294	2055.00	10.333	1775.00	16.925
2610.00	5.645	2330.00	7.333	2050.00	10.408	1770.00	17.106
2605.00	5.668	2325.00	7.372	2045.00	10.485	1765.00	17.289
2600.00	5.692	2320.00	7.412	2040.00	10.564	1760.00	17.476
2595.00	5.715	2315.00	7.452	2035.00	10.643	1755.00	17.666
2590.00	5.739	2310.00	7.493	2030.00	10.723	1750.00	17.859
2585.00	5.763	2305.00	7.534	2025.00	10.804	1745.00	18.056
2580.00	5.787	2300.00	7.575	2020.00	10.887	1740.00	18.257
2575.00	5.812	2295.00	7.617	2015.00	10.971	1735.00	18.461
2570.00	5.836	2290.00	7.659	2010.00	11.055	1730.00	18.668
2565.00	5.861	2285.00	7.702	2005.00	11.141	1725.00	18.880
2560.00	5.886	2280.00	7.746	2000.00	11.229	1720.00	19.095
2555.00	5.912	2275.00	7.789	1995.00	11.317	1715.00	19.314
2550.00	5.937	2270.00	7.834	1990.00	11.407	1710.00	19.537
2545.00	5.963	2265.00	7.878	1985.00	11.498	1705.00	19.764
2540.00	5.989	2260.00	7.924	1980.00	11.591	1700.00	19.996
2535.00	6.015	2255.00	7.969	1975.00	11.685	1695.00	20.232
2530.00	6.042	2250.00	8.016	1970.00	11.780	1690.00	20.472
2525.00	6.068	2245.00	8.062	1965.00	11.876	1685.00	20.716
2520.00	6.095	2240.00	8.110	1960.00	11.975	1680.00	20.966
2515.00	6.122	2235.00	8.158	1955.00	12.074	1675.00	21.219
2510.00	6.150	2230.00	8.206	1950.00	12.175	1670.00	21.478
2505.00	6.178	2225.00	8.255	1945.00	12.278	1665.00	21.742
2500.00	6.206	2220.00	8.305	1940.00	12.382	1660.00	22.010
2495.00	6.234	2215.00	8.355	1935.00	12.487	1655.00	22.284
2490.00	6.262	2210.00	8.406	1930.00	12.594	1650.00	22.563
2485.00	6.291	2205.00	8.457	1925.00	12.703	1645.00	22.847
2480.00	6.320	2200.00	8.509	1920.00	12.814	1640.00	23.137
2475.00	6.349	2195.00	8.561	1915.00	12.926	1635.00	23.432
2470.00	6.379	2190.00	8.615	1910.00	13.040	1630.00	23.734
2465.00	6.408	2185.00	8.669	1905.00	13.156	1625.00	24.041
2460.00	6.438	2180.00	8.723	1900.00	13.274	1620.00	24.354
2455.00	6.469	2175.00	8.778	1895.00	13.393	1615.00	24.673
2450.00	6.499	2170.00	8.834	1890.00	13.514	1610.00	24.998
2445.00	6.530	2165.00	8.890	1885.00	13.638	1605.00	25.330
2440.00	6.562	2160.00	8.948	1880.00	13.763	1600.00	25.669
2435.00	6.593	2155.00	9.006	1875.00	13.890	1595.00	26.014
2430.00	6.625	2150.00	9.064	1870.00	14.019	1590.00	26.366
2425.00	6.657	2145.00	9.123	1865.00	14.151	1585.00	26.725
2420.00	6.690	2140.00	9.184	1860.00	14.284	1580.00	27.092
2415.00	6.722	2135.00	9.244	1855.00	14.420	1575.00	27.466
2410.00	6.756	2130.00	9.306	1850.00	14.558	1570.00	27.847
2405.00	6.789	2125.00	9.368	1845.00	14.698	1565.00	28.237
2400.00	6.823	2120.00	9.432	1840.00	14.840	1560.00	28.634
2395.00	6.857	2115.00	9.496	1835.00	14.985	1555.00	29.039
2390.00	6.891	2110.00	9.560	1830.00	15.132	1550.00	29.453
2385.00	6.926	2105.00	9.626	1825.00	15.282	1545.00	29.876

1540.00	30.307	1260.00	78.665	980.00	286.656
1535.00	30.747	1255.00	80.245	975.00	294.454
1530.00	31.196	1250.00	81.866	970.00	302.512
1525.00	31.655	1245.00	83.529		
1520.00	32.123	1240.00	85.234		
1515.00	32.601	1235.00	86.984		
1510.00	33.090	1230.00	88.779		
1505.00	33.589	1225.00	90.621		
1500.00	34.098	1220.00	92.511		
1495.00	34.618	1215.00	94.451		
1490.00	35.150	1210.00	96.442		
1485.00	35.693	1205.00	98.486		
1480.00	36.248	1200.00	100.585		
1475.00	36.815	1195.00	102.739		
1470.00	37.394	1190.00	104.952		
1465.00	37.986	1185.00	107.224		
1460.00	38.590	1180.00	109.558		
1455.00	39.209	1175.00	111.955		
1450.00	39.841	1170.00	114.417		
1445.00	40.486	1165.00	116.947		
1440.00	41.147	1160.00	119.547		
1435.00	41.822	1155.00	122.219		
1430.00	42.512	1150.00	124.965		
1425.00	43.218	1145.00	127.787		
1420.00	43.939	1140.00	130.689		
1415.00	44.677	1135.00	133.672		
1410.00	45.432	1130.00	136.739		
1405.00	46.204	1125.00	139.894		
1400.00	46.994	1120.00	143.138		
1395.00	47.802	1115.00	146.476		
1390.00	48.629	1110.00	149.909		
1385.00	49.474	1105.00	153.442		
1380.00	50.340	1100.00	157.078		
1375.00	51.225	1095.00	160.819		
1370.00	52.132	1090.00	164.670		
1365.00	53.059	1085.00	168.635		
1360.00	54.009	1080.00	172.717		
1355.00	54.981	1075.00	176.921		
1350.00	55.976	1070.00	181.250		
1345.00	56.994	1065.00	185.709		
1340.00	58.038	1060.00	190.302		
1335.00	59.106	1055.00	195.035		
1330.00	60.200	1050.00	199.912		
1325.00	61.320	1045.00	204.939		
1320.00	62.468	1040.00	210.120		
1315.00	63.643	1035.00	215.462		
1310.00	64.847	1030.00	220.969		
1305.00	66.081	1025.00	226.649		
1300.00	67.346	1020.00	232.508		
1295.00	68.641	1015.00	238.551		
1290.00	69.969	1010.00	244.787		
1285.00	71.330	1005.00	251.222		
1280.00	72.725	1000.00	257.863		
1275.00	74.154	995.00	264.719		
1270.00	75.620	990.00	271.797		
1265.00	77.123	985.00	279.107		

The calibration curve of TMI CCS sensor



