

Sensor resistance values for Pt1000 element

(TG-D1/Pt1000, TG-DH/..., TG-A1/..., TG-AH/..., TG-K3/..., TG-KH/..., TG-R5/..., TG-UH/...)

Resistance related to temperature for platinum element PT1000. Resistance in Ohms.
According to IEC751 (1985), DIN 43760 (1980), BS 1904 (1984).

°C	0.0	-1.0	-2.0	-3.0	-4.0	-5.0	-6.0	-7.0	-8.0	-9.0
-50.0	803.1									
-40.0	842.9	838.8	834.8	830.8	826.9	822.9	818.9	815.0	811.0	807.0
-30.0	882.2	878.3	874.3	870.4	866.4	862.5	858.5	854.6	850.6	846.7
-20.0	921.6	917.7	913.7	909.8	905.9	901.9	898.0	894.0	890.1	886.2
-10.0	960.9	956.9	953.0	949.1	945.2	941.2	937.3	933.4	929.5	925.5
0.0	1000.0	996.1	992.2	988.3	984.4	980.4	976.5	972.6	968.7	964.8

°C	0,0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0.0	1000.0	1003.9	1007.8	1011.7	1015.6	1019.5	1023.4	1027.3	1031.2	1035.1
10.0	1039.0	1042.9	1046.8	1050.7	1054.6	1058.5	1062.4	1066.3	1070.2	1074.0
20.0	1077.9	1081.8	1085.7	1089.6	1093.5	1097.3	1101.2	1105.1	1109.0	1112.8
30.0	1116.7	1120.6	1124.5	1128.3	1132.2	1136.1	1139.9	1143.8	1147.7	1151.5
40.0	1155.4	1159.3	1163.1	1167.0	1170.8	1174.7	1178.5	1182.4	1186.2	1190.1
50.0	1194.0	1197.8	1201.6	1205.5	1209.3	1213.2	1217.0	1220.9	1224.7	1228.6
60.0	1232.4	1236.2	1240.1	1243.9	1247.7	1251.6	1255.4	1259.2	1263.1	1266.9
70.0	1270.7	1274.5	1278.4	1282.2	1286.0	1289.8	1293.7	1297.5	1301.3	1305.1
80.0	1308.9	1312.7	1316.6	1320.4	1324.2	1328.0	1331.8	1335.6	1339.4	1343.2
90.0	1347.0	1350.8	1354.6	1358.4	1362.2	1366.0	1369.8	1373.6	1377.4	1381.2
100.0	1385.0	1388.8	1392.6	1396.4	1400.2	1403.9	1407.7	1411.5	1415.3	1419.1
110.0	1422.9	1426.6	1430.4	1434.2	1438.0	1441.7	1445.5	1449.3	1453.1	1456.8

For Pt100 elements, divide the above values by 10.