Sensor characteristics, other elements (PT100(0)/Ni1000…/NTC…)

Sensor element	PT100	PT1000	NTC1,8	NTC2,2	NTC10-01	NTC10-02	NTC10-03	NTC20	NI1000-01	NI1000-02
Equivalent			Tac	Johnson Controls	Aquatrol Johnson Controls Satchwell Trend Cylon Honeywell	Carel Evco Eliwell Industrie-technik	Andover Delta Controls Siebe York	Honeywell	Siemens Landis & Staefa	Sauter
Temp. °C	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω
150	157.3	1573			186					
140	153.6	1536			235				1737	1909
130	149.8	1498			301				1675	1833
120	146.1	1461			390				1615	1760
110	142.3	1423	138	115	511	758	624	818	1557	1688
100	138.5	1385	177	153	679	973	817	1114	1500	1618
90	134.7	1347	230	206	916	1266	1084	1541	1444	1549
80	130.9	1309	303	283	1255	1668	1457	2166	1390	1483
70	127.1	1271	404	395	1752	2228	1990	3098	1337	1417
65	125.2	1252	469	469	2083	2588	2338	3732	1311	1385
60	123.2	1232	547	560	2488	3020	2760	4518	1285	1353
55	121.3	1213	640	672	2986	3536	3270	5494	1260	1322
50	119.4	1194	753	811	3602	4160	3893	6718	1235	1291
45	117.5	1175	888	984	4368	4911	4655	8260	1210	1260
40	115.5	1155	1052	1199	5324	5827	5594	10212	1186	1230
35	113.6	1136	1252	1471	6532	6940	6754	12698	1162	1200
30	111.7	1117	1498	1814	8055	8313	8196	15886	1138	1171
29	111.3	1113	1553	1893	8406	8622	8525	16627	1132	1165
28	111.0	1110	1611	1977	8779	8944	8869	17407	1128	1159
27	110.5	1105	1671	2064	9165	9281	9229	18227	1123	1153
26	110.1	1101	1734	2156	9574	9632	9606	19090	1119	1147
25	109.7	1097	1800	2252	10000	10000	10000	20000	1114	1141
24	109.3	1093	1868	2353	10448	10380	10413	20958	1109	1136
23	109.0	1090	1940	2460	10924	10780	10845	21968	1105	1130
22	108.6	1086	2015	2572	11421	11200	11298	23033	1100	1124
21	108.2	1082	2092	2689	11940	11630	11773	24156	1095	1118
20	107.8	1078	2174	2813	12491	12090	12270	25340	1091	1112
19	107.4	1074	2258	2944	13073	12560	12791	26491	1086	1107
18	107.0	1070	2347	3081	13681	13060	13337	27912	1081	1101
17	106.6	1066	2440	3226	14325	13580	13910	29307	1077	1095
16	106.2	1062	2537	3378	15000	14120	14510	30782	1072	1089
15	105.9	1059	2638	3538	15710	14690	15140	32340	1068	1084
14	105.5	1055	2744	3707	16461	15280	15801	33982	1063	1078
13	105.1	1051	2854	3886	17256	15900	16494	35716	1058	1072
12	104.7	1047	2972	4074	18091	16560	17222	37550	1054	1067
11	104.3	1043	3093	4272	18970	17240	17987	39489	1049	1061
10	103.9	1039	3222	4482	19902	17960	18790	41540	1045	1056
9	103.5	1035	3354	4703	20884	18700	19633	43715	1040	1050
8	103.1	1031	3493	4936	21918	19480	20519	46018	1036	1044
7	102.7	1027	3639	5183	23015	20300	21451	48457	1031	1039
6	102.3	1023	3791	5443	24170	21150	22430	51041	1027	1033
5	101.9	1019	3951	5718	25391	22050	23460	53780	1022	1028
4	101.6	1016	4120	6009	26683	23000	24545	56678	1018	1022
3	101.2	1012	4296	6317	28051	23990	25687	59751	1013	1016
2	100.8	1008	4481	6643	29498	25030	26890	63011	1009	1011
1	100.4	1004	4677	6988	31030	26130	28156	66469	1004	1005
0	100.0	1000	4882	7353	32650	27280	29490	70140	1000	1000
-5	98.0	980	6059	9532	42327	33900	37310	92220	978	973
-10	96.1	961	7580	12460	55329	42470	47540	122260	956	946
-15	94.1	941	9519	16430	72957	53410	61020	163480	935	919
-20	92.2	922	12061	21863	97083	67770	78910	220600	914	893
-25	90.2	902	15359	29371	130422	86430	102900	300400	893	867
-30	88.2	882	19747	39855	176976	111300	135200	413400	872	842
-35	86.3	863							851	816
-40	84.3	843							831	791