Q-SERIES

HVAC temperature measuring elements

R/T TABLES

Temp		NTC thermistors					RTD elements	
		curve A	curve B	curve G	curve C	curve D	curve E	curve F
		NTC 10K type 2	NTC 10K type 3	NTC 10K type 4	NTC 20KOhm	NTC 3KOhm	Pt1000/B	Ni1000-891
°C	°F	R (kOhm)	R (kOhm)	R (kOhm)	R (kOhm)	R (kOhm)	R (Ohm)	R (Ohm)
-40	-40	341.4	242.1	191.9	784.6	97.40	843	
-35	-31	246.2	181.0	146.6	558.8	71.53	862	
-30	-22	179.5	136.6	112.9	402.7	52.80	882	
-25	-13	132.2	103.9	87.59	293.6	39.16	902	
-20	-4	98.34	79.64	68.47	216.3	29.24	922	
-15	5	73.73	61.54	53.91	160.7	22.04	941	
-10	14	55.78	47.91	42.74	120.5	16.74	961	
-5	23	42.59	37.57	34.11	91.07	12.79	980	
0	32	32.82	29.66	27.40	69.40	9.856	1000	891
5	41	25.52	23.57	22.14	53.33	7.663	1020	916
10	50	19.97	18.85	17.99	41.28	5.999	1039	942
15	59	15.75	15.17	14.72	32.18	4.729	1058	968
20	68	12.51	12.28	12.09	25.28	3.754	1078	994
25	77	10.00	10.00	10.00	20.00	3.000	1097	1021
30	86	8.048	8.184	8.308	15.92	2.416	1117	1048
35	95	6.516	6.735	6.936	12.75	1.957	1136	1075
40	104	5.306	5.577	5.819	10.27	1.595	1155	1102
45	113	4.345	4.641	4.904	8.320	1.307	1175	1130
50	122	3.578	3.877	4.151	6.779	1.076	1194	1158
55	131	2.962	3.261	3.529	5.556	0.888	1213	1187
60	140	2.464	2.756	3.012	4.577	0.737	1232	1216
65	149	2.060	2.340	2.582	3.788	0.616	1252	1245
70	158	1.730	1.996	2.221	3.150	0.518	1271	1274
75	167	1.460	1.707	1.918	2.630	0.441	1290	1304
80	176	1.236	1.466	1.663	2.206	0.377	1309	1334
85	185	1.051	1.264	1.446	1.857	0.324	1328	1365
90	194	0.896	1.095	1.262	1.570	0.278	1347	1396
95	203	0.767	0.952	1.105	1.333	0.239	1366	1427
100	212	0.659	0.831	0.970	1.136	0.206	1385	1459
105	221	0.569	0.728	0.855	0.972	0.179	1404	1491
110	230	0.493	0.640	0.755	0.834	0.156	1423	1524
115	239	0.428	0.564	0.669	0.719	0.136	1442	1556
120	248	0.374	0.499	0.594	0.621	0.119	1461	1590
125	257	0.327	0.443	0.529	0.539	0.105	1479	1623

* Other elements on request

TASSERON
SENSORS & CONTROLS

Tasseron Sensors Inc. - Montoursville, PA 17754 United States - Tel. 1.570.601.1971 - Fax 1.570.601.1972 - Email: sales@tasseronusa.com - www.tasseronusa.com