

Radiation Thermometer : CT09.85 S/N 03726
Total temperature range: -100 ... 100 °C
Published spectral range: 9.6 - 11.5 µm

Signal start normalization: Absolute zero (0 K)
Start of temperature range: -100,0 °C
End of temperature range: 100,0 °C
Resolution: 1,0 °C
Number of data sets: 202
RAD normalization: 66475

Temp [°C]	Signal [%]	RAD
-273,15	0,0	0
-100,00	1,43512	954
-99,00	1,501102	998
-98,00	1,569321	1043
-97,00	1,639823	1090
-96,00	1,712653	1138
-95,00	1,787855	1188
-94,00	1,865476	1240
-93,00	1,94556	1293
-92,00	2,028151	1348
-91,00	2,113296	1405
-90,00	2,201039	1463
-89,00	2,291425	1523
-88,00	2,384499	1585
-87,00	2,480305	1649
-86,00	2,578888	1714
-85,00	2,680292	1782
-84,00	2,784562	1851
-83,00	2,891743	1922
-82,00	3,001877	1996
-81,00	3,115008	2071
-80,00	3,231182	2148
-79,00	3,350439	2227
-78,00	3,472825	2309
-77,00	3,598382	2392
-76,00	3,727152	2478
-75,00	3,859178	2565
-74,00	3,994502	2655
-73,00	4,133167	2748
-72,00	4,275213	2842
-71,00	4,420682	2939
-70,00	4,569616	3038
-69,00	4,722054	3139
-68,00	4,878038	3243
-67,00	5,037607	3349
-66,00	5,200802	3457
-65,00	5,36766	3568
-64,00	5,538223	3682

-63,00	5,712528	3797
-62,00	5,890613	3916
-61,00	6,072517	4037
-60,00	6,258277	4160
-59,00	6,44793	4286
-58,00	6,641513	4415
-57,00	6,839063	4546
-56,00	7,040616	4680
-55,00	7,246206	4817
-54,00	7,45587	4956
-53,00	7,669642	5098
-52,00	7,887556	5243
-51,00	8,109647	5391
-50,00	8,335947	5541
-49,00	8,56649	5695
-48,00	8,801308	5851
-47,00	9,040435	6010
-46,00	9,2839	6172
-45,00	9,531736	6336
-44,00	9,783974	6504
-43,00	10,040644	6675
-42,00	10,301775	6848
-41,00	10,567398	7025
-40,00	10,837542	7204
-39,00	11,112235	7387
-38,00	11,391504	7573
-37,00	11,675379	7761
-36,00	11,963886	7953
-35,00	12,257052	8148
-34,00	12,554903	8346
-33,00	12,857465	8547
-32,00	13,164764	8751
-31,00	13,476824	8959
-30,00	13,79367	9169
-29,00	14,115326	9383
-28,00	14,441816	9600
-27,00	14,773163	9821
-26,00	15,109389	10044
-25,00	15,450516	10271
-24,00	15,796567	10501
-23,00	16,147563	10734
-22,00	16,503525	10971
-21,00	16,864472	11211
-20,00	17,230425	11454
-19,00	17,601404	11701
-18,00	17,977428	11951
-17,00	18,358515	12204
-16,00	18,744683	12461
-15,00	19,135951	12721
-14,00	19,532336	12984

-13,00	19,933854	13251
-12,00	20,340522	13521
-11,00	20,752356	13795
-10,00	21,169372	14072
-9,00	21,591585	14353
-8,00	22,019009	14637
-7,00	22,45166	14925
-6,00	22,889551	15216
-5,00	23,332696	15510
-4,00	23,781107	15809
-3,00	24,234799	16110
-2,00	24,693782	16415
-1,00	25,158069	16724
0,00	25,627672	17036
1,00	26,102601	17352
2,00	26,582867	17671
3,00	27,068482	17994
4,00	27,559455	18320
5,00	28,055795	18650
6,00	28,557511	18984
7,00	29,064614	19321
8,00	29,577111	19661
9,00	30,09501	20006
10,00	30,618319	20354
11,00	31,147046	20705
12,00	31,681198	21060
13,00	32,220781	21419
14,00	32,765802	21781
15,00	33,316268	22147
16,00	33,872183	22517
17,00	34,433553	22890
18,00	35,000383	23267
19,00	35,572678	23647
20,00	36,150443	24031
21,00	36,733681	24419
22,00	37,322397	24810
23,00	37,916593	25205
24,00	38,516272	25604
25,00	39,121439	26006
26,00	39,732095	26412
27,00	40,348242	26822
28,00	40,969883	27235
29,00	41,597019	27652
30,00	42,229652	28072
31,00	42,867782	28497
32,00	43,511411	28924
33,00	44,160538	29356
34,00	44,815166	29791
35,00	45,475292	30230
36,00	46,140917	30672

37,00	46,812041	31118
38,00	47,488663	31568
39,00	48,170782	32022
40,00	48,858396	32479
41,00	49,551504	32940
42,00	50,250104	33404
43,00	50,954195	33872
44,00	51,663773	34344
45,00	52,378837	34819
46,00	53,099383	35298
47,00	53,82541	35781
48,00	54,556913	36267
49,00	55,29389	36757
50,00	56,036336	37250
51,00	56,784248	37748
52,00	57,537622	38248
53,00	58,296454	38753
54,00	59,060739	39261
55,00	59,830473	39773
56,00	60,605651	40288
57,00	61,386267	40807
58,00	62,172318	41329
59,00	62,963796	41855
60,00	63,760698	42385
61,00	64,563016	42918
62,00	65,370745	43455
63,00	66,18388	43996
64,00	67,002413	44540
65,00	67,826338	45088
66,00	68,655649	45639
67,00	69,490339	46194
68,00	70,330401	46752
69,00	71,175828	47314
70,00	72,026612	47880
71,00	72,882747	48449
72,00	73,744224	49022
73,00	74,611037	49598
74,00	75,483177	50178
75,00	76,360636	50761
76,00	77,243406	51348
77,00	78,131479	51938
78,00	79,024847	52532
79,00	79,9235	53129
80,00	80,827431	53730
81,00	81,736631	54335
82,00	82,651091	54943
83,00	83,570801	55554
84,00	84,495753	56169
85,00	85,425938	56787
86,00	86,361345	57409

87,00	87,301967	58034
88,00	88,247792	58663
89,00	89,198812	59295
90,00	90,155016	59931
91,00	91,116396	60570
92,00	92,08294	61212
93,00	93,054639	61858
94,00	94,031482	62508
95,00	95,01346	63161
96,00	96,000562	63817
97,00	96,992778	64476
98,00	97,990096	65139
99,00	98,992507	65806
100,00	100,0	66475

