

# PT100 温度/阻值对照表

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温度	0	1	2	3	4	5	6	7	8	9
	阻值									
<b>-200</b>	<b>18.52</b>									
-190	22.83	22.40	21.97	21.54	21.11	20.68	20.25	19.82	19.38	18.95
<b>-180</b>	<b>27.10</b>	<b>26.67</b>	<b>26.24</b>	<b>25.82</b>	<b>25.39</b>	<b>24.97</b>	<b>24.54</b>	<b>21.11</b>	<b>23.68</b>	<b>23.25</b>
-170	31.34	30.91	30.49	30.07	29.64	29.22	28.80	28.37	27.95	27.52
<b>-160</b>	<b>35.54</b>	<b>35.12</b>	<b>34.70</b>	<b>34.28</b>	<b>33.86</b>	<b>33.44</b>	<b>33.02</b>	<b>32.60</b>	<b>32.18</b>	<b>31.76</b>
-150	39.72	39.31	38.89	38.47	38.05	37.64	37.22	36.80	36.38	35.96
<b>-140</b>	<b>43.88</b>	<b>43.46</b>	<b>43.05</b>	<b>42.63</b>	<b>42.22</b>	<b>41.80</b>	<b>41.39</b>	<b>40.97</b>	<b>40.56</b>	<b>40.14</b>
-130	48.00	47.59	47.18	46.77	46.36	45.94	45.53	45.12	44.70	44.29
<b>-120</b>	<b>52.11</b>	<b>51.70</b>	<b>51.29</b>	<b>50.88</b>	<b>50.47</b>	<b>50.06</b>	<b>49.65</b>	<b>49.24</b>	<b>48.83</b>	<b>48.42</b>
-110	56.19	55.79	55.38	54.97	54.56	54.15	53.75	53.34	52.93	52.52
<b>-100</b>	<b>60.26</b>	<b>59.85</b>	<b>59.44</b>	<b>59.04</b>	<b>58.63</b>	<b>58.23</b>	<b>57.82</b>	<b>57.41</b>	<b>57.01</b>	<b>56.60</b>
-90	64.30	63.90	63.49	63.09	62.68	62.28	61.88	61.47	61.07	60.66
<b>-80</b>	<b>68.33</b>	<b>67.92</b>	<b>67.52</b>	<b>67.12</b>	<b>66.72</b>	<b>66.31</b>	<b>65.91</b>	<b>65.51</b>	<b>65.11</b>	<b>64.70</b>
-70	72.33	71.93	71.53	71.13	70.73	70.33	69.93	69.53	69.13	68.73
<b>-60</b>	<b>76.33</b>	<b>75.93</b>	<b>75.53</b>	<b>75.13</b>	<b>74.73</b>	<b>74.33</b>	<b>73.93</b>	<b>73.53</b>	<b>73.13</b>	<b>72.73</b>
-50	80.31	79.91	79.51	79.11	78.72	78.32	77.92	77.52	77.12	76.73
<b>-40</b>	<b>84.27</b>	<b>83.87</b>	<b>83.48</b>	<b>83.08</b>	<b>82.69</b>	<b>82.29</b>	<b>81.89</b>	<b>81.50</b>	<b>81.10</b>	<b>80.70</b>
-30	88.22	87.83	87.43	87.04	86.64	86.25	85.85	85.46	85.06	84.67
<b>-20</b>	<b>92.16</b>	<b>91.77</b>	<b>91.37</b>	<b>90.98</b>	<b>90.59</b>	<b>90.19</b>	<b>89.80</b>	<b>89.40</b>	<b>89.01</b>	<b>88.62</b>
-10	96.09	95.69	95.30	94.91	94.52	94.12	93.73	93.34	92.95	92.55
<b>-0</b>	<b>100.00</b>	<b>99.61</b>	<b>99.22</b>	<b>98.83</b>	<b>98.44</b>	<b>98.04</b>	<b>97.65</b>	<b>97.26</b>	<b>96.87</b>	<b>96.48</b>
0	100.00	100.39	100.78	101.17	101.56	101.95	102.34	102.73	103.12	103.51
<b>10</b>	<b>103.90</b>	<b>104.29</b>	<b>104.58</b>	<b>105.07</b>	<b>105.46</b>	<b>105.85</b>	<b>106.24</b>	<b>106.63</b>	<b>107.02</b>	<b>107.40</b>
20	107.79	108.18	108.57	108.96	109.35	109.73	110.12	110.51	110.90	111.89
<b>30</b>	<b>111.67</b>	<b>112.06</b>	<b>112.45</b>	<b>112.83</b>	<b>113.22</b>	<b>113.64</b>	<b>114.00</b>	<b>114.38</b>	<b>114.77</b>	<b>115.15</b>
40	115.54	115.93	116.31	116.70	117.08	117.47	117.86	118.24	118.63	119.01
<b>50</b>	<b>119.40</b>	<b>119.78</b>	<b>120.17</b>	<b>120.55</b>	<b>120.94</b>	<b>121.32</b>	<b>121.71</b>	<b>122.09</b>	<b>122.47</b>	<b>122.86</b>
60	123.24	123.63	124.01	124.39	124.78	125.16	125.54	125.93	126.31	126.69
<b>70</b>	<b>127.08</b>	<b>127.46</b>	<b>127.84</b>	<b>128.22</b>	<b>128.61</b>	<b>128.99</b>	<b>129.37</b>	<b>129.75</b>	<b>130.13</b>	<b>130.52</b>
80	130.90	131.28	131.66	132.04	132.42	132.80	133.18	133.57	133.95	134.33
<b>90</b>	<b>134.71</b>	<b>135.09</b>	<b>135.47</b>	<b>135.85</b>	<b>136.23</b>	<b>136.61</b>	<b>136.99</b>	<b>137.37</b>	<b>137.75</b>	<b>138.13</b>
100	138.51	138.88	139.26	139.64	140.02	140.40	140.78	141.16	141.54	141.91
<b>110</b>	<b>142.29</b>	<b>142.67</b>	<b>143.05</b>	<b>143.43</b>	<b>143.80</b>	<b>144.18</b>	<b>144.56</b>	<b>144.94</b>	<b>145.31</b>	<b>145.69</b>
120	146.07	146.44	146.82	147.20	147.57	147.95	148.33	148.70	149.08	149.46
<b>130</b>	<b>149.83</b>	<b>150.21</b>	<b>150.58</b>	<b>150.96</b>	<b>151.33</b>	<b>151.71</b>	<b>152.08</b>	<b>152.46</b>	<b>152.83</b>	<b>153.21</b>
140	153.58	153.96	154.33	154.71	155.08	155.46	155.83	156.20	156.58	156.95
<b>150</b>	<b>157.33</b>	<b>157.70</b>	<b>158.07</b>	<b>158.45</b>	<b>158.82</b>	<b>159.19</b>	<b>159.56</b>	<b>159.94</b>	<b>160.31</b>	<b>160.68</b>
160	161.05	161.43	161.80	162.17	162.54	162.91	163.29	163.66	164.03	164.40

<b>170</b>	<b>164.77</b>	<b>165.14</b>	<b>165.51</b>	<b>165.89</b>	<b>166.26</b>	<b>166.53</b>	<b>167.00</b>	<b>167.37</b>	<b>167.74</b>	<b>168.11</b>
180	168.48	168.85	169.22	169.59	169.96	170.33	170.70	171.07	171.43	171.80
<b>190</b>	<b>172.17</b>	<b>172.54</b>	<b>172.91</b>	<b>173.28</b>	<b>173.65</b>	<b>174.02</b>	<b>174.38</b>	<b>174.75</b>	<b>175.12</b>	<b>175.49</b>
200	175.85	176.22	176.59	176.96	177.33	177.69	178.06	178.43	179.79	179.16
<b>210</b>	<b>179.53</b>	<b>179.89</b>	<b>180.26</b>	<b>180.63</b>	<b>180.99</b>	<b>181.36</b>	<b>181.72</b>	<b>182.09</b>	<b>182.46</b>	<b>182.82</b>
220	183.19	183.55	183.92	184.28	184.65	185.01	185.38	185.74	186.11	186.47
<b>230</b>	<b>186.84</b>	<b>187.20</b>	<b>187.56</b>	<b>187.93</b>	<b>188.29</b>	<b>188.65</b>	<b>189.02</b>	<b>189.38</b>	<b>189.75</b>	<b>190.11</b>
240	190.47	190.84	191.20	191.56	191.92	192.29	192.65	193.01	193.37	193.74
<b>250</b>	<b>194.10</b>	<b>194.16</b>	<b>194.82</b>	<b>195.18</b>	<b>195.55</b>	<b>195.91</b>	<b>196.27</b>	<b>196.63</b>	<b>196.99</b>	<b>197.35</b>
260	197.71	198.07	198.13	198.79	199.15	199.51	199.87	200.23	200.59	200.95
<b>270</b>	<b>201.31</b>	<b>201.67</b>	<b>202.03</b>	<b>202.39</b>	<b>202.75</b>	<b>203.11</b>	<b>203.17</b>	<b>203.83</b>	<b>204.19</b>	<b>204.55</b>
280	204.90	205.26	205.62	205.98	206.34	206.70	207.05	207.11	207.77	208.13
<b>290</b>	<b>208.48</b>	<b>208.84</b>	<b>209.20</b>	<b>209.56</b>	<b>209.91</b>	<b>210.27</b>	<b>210.63</b>	<b>210.98</b>	<b>211.34</b>	<b>211.70</b>
300	212.05	212.41	212.76	213.12	213.48	213.83	214.19	214.54	214.90	215.25
310	215.61	215.96	216.32	216.67	217.03	217.38	217.74	218.09	218.44	218.80
<b>320</b>	<b>219.15</b>	<b>219.51</b>	<b>219.86</b>	<b>220.21</b>	<b>220.57</b>	<b>220.92</b>	<b>221.27</b>	<b>221.63</b>	<b>221.98</b>	<b>222.33</b>
330	222.68	223.04	222.39	223.74	224.09	224.45	224.80	225.15	225.50	225.85
<b>340</b>	<b>226.21</b>	<b>226.56</b>	<b>226.91</b>	<b>227.26</b>	<b>227.61</b>	<b>227.96</b>	<b>228.31</b>	<b>228.66</b>	<b>229.02</b>	<b>229.37</b>
350	229.72	230.07	230.42	230.77	231.12	231.47	231.82	232.17	232.52	232.87
<b>360</b>	<b>233.81</b>	<b>233.56</b>	<b>233.91</b>	<b>234.26</b>	<b>234.61</b>	<b>234.95</b>	<b>235.31</b>	<b>235.66</b>	<b>236.00</b>	<b>236.35</b>
370	236.70	237.05	237.40	237.74	238.09	238.44	238.79	239.13	239.48	239.83
<b>380</b>	<b>240.18</b>	<b>240.52</b>	<b>240.87</b>	<b>241.22</b>	<b>241.56</b>	<b>241.91</b>	<b>242.26</b>	<b>242.60</b>	<b>242.95</b>	<b>243.29</b>
390	243.64	243.99	244.33	244.68	245.02	245.37	245.71	246.06	246.40	246.75
<b>400</b>	<b>247.09</b>	<b>247.44</b>	<b>247.78</b>	<b>248.13</b>	<b>248.47</b>	<b>248.81</b>	<b>249.16</b>	<b>249.50</b>	<b>249.85</b>	<b>220.19</b>
410	250.53	250.88	251.22	251.56	251.91	252.25	252.59	252.93	253.28	253.62
<b>420</b>	<b>253.96</b>	<b>254.30</b>	<b>254.65</b>	<b>254.99</b>	<b>255.33</b>	<b>255.67</b>	<b>256.01</b>	<b>256.35</b>	256.70	<b>257.01</b>
430	257.38	257.72	258.06	258.40	258.74	259.08	259.42	259.76	260.10	260.41
<b>440</b>	<b>260.78</b>	<b>261.12</b>	<b>261.46</b>	<b>261.80</b>	<b>262.14</b>	<b>262.48</b>	<b>262.82</b>	<b>263.16</b>	<b>263.50</b>	<b>263.81</b>
450	264.18	264.52	264.86	265.20	265.53	265.87	266.21	266.55	266.89	267.22
<b>460</b>	<b>267.56</b>	<b>267.90</b>	<b>268.24</b>	<b>268.57</b>	<b>268.91</b>	<b>269.25</b>	<b>269.59</b>	<b>269.92</b>	<b>270.26</b>	<b>270.60</b>
470	270.93	271.27	271.61	271.94	272.28	272.61	272.95	273.29	273.62	273.96
<b>480</b>	<b>274.29</b>	<b>274.63</b>	<b>274.96</b>	<b>275.30</b>	<b>275.63</b>	<b>275.97</b>	<b>276.30</b>	<b>276.64</b>	<b>276.97</b>	<b>277.31</b>
490	277.64	277.98	278.31	278.64	278.98	279.31	279.64	279.98	280.31	280.64
<b>500</b>	<b>280.98</b>	<b>281.31</b>	<b>281.64</b>	<b>281.98</b>	<b>282.31</b>	<b>282.64</b>	282.97	<b>283.31</b>	<b>283.64</b>	<b>283.97</b>
510	284.30	284.63	284.97	285.30	285.63	285.96	286.29	286.62	286.95	287.29
<b>520</b>	<b>287.62</b>	<b>287.95</b>	<b>288.28</b>	<b>288.61</b>	<b>288.94</b>	<b>289.27</b>	<b>289.60</b>	<b>289.93</b>	<b>290.26</b>	<b>290.59</b>
530	290.92	291.25	291.58	291.01	292.24	292.56	292.89	293.22	293.55	293.88
<b>540</b>	<b>294.21</b>	<b>294.54</b>	<b>294.86</b>	<b>295.19</b>	<b>295.52</b>	<b>295.85</b>	<b>296.18</b>	<b>296.50</b>	<b>296.83</b>	<b>297.16</b>
550	297.49	297.81	298.14	298.47	298.80	299.12	299.45	299.78	300.10	300.43
<b>560</b>	<b>300.75</b>	<b>301.08</b>	<b>301.41</b>	<b>301.73</b>	<b>302.06</b>	302.38	<b>302.71</b>	<b>303.03</b>	<b>303.36</b>	<b>303.69</b>

