

Resistance

Check resistance between pin A and pin B with the value at $75 \pm 5 \text{ }^\circ\text{F}$ ($21 \pm 3 \text{ }^\circ\text{F}$)

Note: If the local temperature is outside of this range, correct the measurement to $75 \pm 5 \text{ }^\circ\text{F}$ ($21 \pm 3 \text{ }^\circ\text{F}$) with the formula below, or multiply it by the correction factor from the resistance correction factor table below.

$$\text{Fahrenheit: } \Omega @ 70 \text{ }^\circ\text{F} = \Omega_1 @ T_1 \times [(460.1)/(T_1+390.1)]$$

$$\text{Celsius: } \Omega @ 21 \text{ }^\circ\text{C} = \Omega_1 @ T_1 \times [(255.5)/(T_1+234.5)]$$

Where T_1 = Temperature at which resistance is measured

Ω_1 = Resistance measured at T_1

Ambient Temperature	Correction Factor	Ambient Temperature	Correction Factor
60°F/16°C	1.022	81°F/27°C	0.977
61°F/16°C	1.020	82°F/28°C	0.974
62°F/17°C	1.018	83°F/28°C	0.973
63°F/17°C	1.015	84°F/29°C	0.970
64°F/18°C	1.013	85°F/29°C	0.968
65°F/18°C	1.011	86°F/30°C	0.966
66°F/19°C	1.009	87°F/31°C	0.964
67°F/19°C	1.007	88°F/31°C	0.962
68°F/20°C	1.004	89°F/32°C	0.960
69°F/21°C	1.002	90°F/32°C	0.958
70°F/21°C	1.000	91°F/33°C	0.956
71°F/22°C	0.998	92°F/33°C	0.954
72°F/22°C	0.996	93°F/34°C	0.952
73°F/23°C	0.994	94°F/34°C	0.950
74°F/23°C	0.991	95°F/35°C	0.948
75°F/24°C	0.989	96°F/36°C	0.947
76°F/24°C	0.987	97°F/36°C	0.945
77°F/25°C	0.985	98°F/37°C	0.943
78°F/26°C	0.983	99°F/37°C	0.941
79°F/26°C	0.981	100°F/38°C	0.939
80°F/27°C	0.979		