

APPLIANCE/HVAC PROBE SERIES

NTC Thermistor Probes (93JB)



Applications

- Boiler heating systems
- Fast response in liquid applications
- Showers
- Dryers
- Coffee pots

Operating Temperature Range

-20° to 150°C

Thermal Time Constant

0.2 seconds typical
(25° air to 85°C stirred water)

Values Available

R-T Curve	R25°C	R37°C	R85°C
1	10,000	6006	1072

R-T Curve Information

Part	Beta	Value
1	25/85	3977±1.5%

Accuracies Available

+/-1°C @ 80°-100°C
+/-2°C @ 80°-100°C
(Custom values also available)

Insulation Strength

500VAC/1 second minimum rating

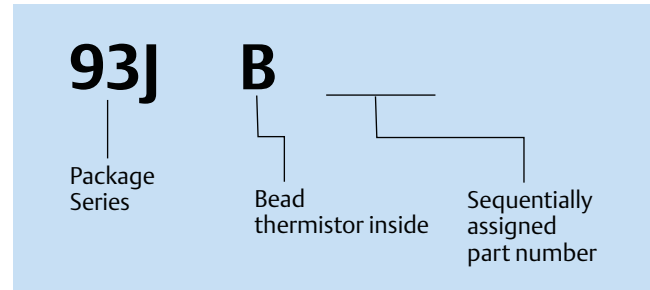
Construction

316L Stainless steel or
 Nickel-plated brass body
 PPS plastic ring
 26AWG 150°C twin lead wire

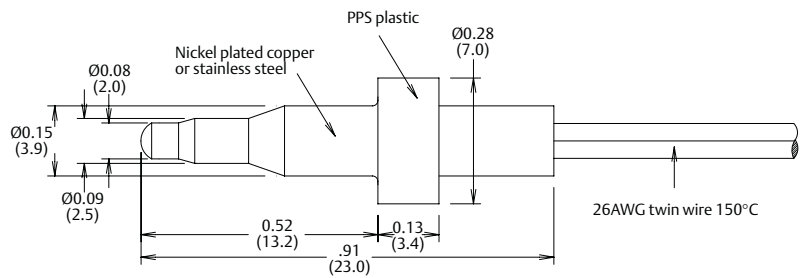
Resistance vs. Temperature

Temp. °C	Nominal Resistance (ohms)
-20	98960
-15	74200
-10	56140
-5	42860
0	33000
5	25610
10	20030
15	15790
20	12530
25	10000
30	8057
35	6524
40	5315
45	4356
50	3591
55	2976
60	2480
65	2077
70	1748
75	1478
80	1256
85	1072
90	919
95	791
100	690
105	592
110	516
115	451
120	395
125	347
130	307
135	271
140	241
145	214
150	191

Product Numbering System



Physical Dimensions



Dimensions are shown in inches and (millimeters).