

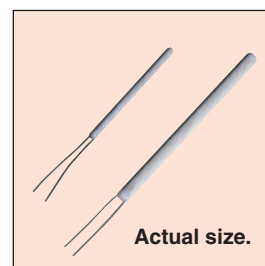
High Accuracy Ceramic Wire-Wound Platinum RTD Elements

Starts at
\$12

- ✓ Platinum Wire Wound RTD Elements
- ✓ Resistance vs. Temperature Characteristics Per IEC60751
- ✓ Accuracies Include Class A, 1/3B and 1/10B
- ✓ Single and Some Dual Element Configurations Available in Class A Accuracies Listed
- ✓ Operating Temperature Range is -200 to 600°C (-328 to 1112°F), With Accuracies Assured Over The Specified Temperature Range for Each Class

1PT100KN1515CL1/3, \$30, shown larger than actual size.

1PT100KN2515CLA, \$21, shown larger than actual size.



Tolerance

Tolerance Class	Tolerance (°C)	Temperature Range
Class A	$\pm 0.15 + (0.002 \cdot t)$	-196 to 450°C
Class 1/3B	$\pm 1/3 \cdot [0.30 + (0.005 \cdot t)]$	-100 to 350°C
Class 1/10B	$\pm 1/10 \cdot [0.30 + (0.005 \cdot t)]$	0 to 100°C

Where t = temperature in °C regardless of sign.

Discount Schedule

(for Class A and Class B elements)

1 to 4 units	Net
5 to 10 units	.4%
11 to 24 units	.6%
25 to 49 units	.10%
50 to 99 units	.11%
100 units and up	.13%

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Element size† mm		Resistance at 0°C	Accuracy	
		Diameter	Length		Class	Temp Range
1PT100KN1515CLA	\$12	1.5	15	1 x 100.000 $\pm 0.060 \Omega$	Class A	-196 to 450°C
1PT100KN2515CLA	21	1.5	25	1 x 100.000 $\pm 0.060 \Omega$	Class A	-196 to 450°C
1PT100KN3045CLA	21	4.5	30	1 x 100.000 $\pm 0.060 \Omega$	Class A	-196 to 450°C
1PT100KN3026CLA	28	2.6	30	1 x 100.000 $\pm 0.060 \Omega$	Class A	-196 to 450°C
2PT100KN3045CLA*	56	4.5	30	2 x 100.000 $\pm 0.060 \Omega$	Class A	-196 to 450°C
2PT100KN3026CLA*	39	2.6	30	2 x 100.000 $\pm 0.060 \Omega$	Class A	-196 to 450°C
1PT100KN2515CL1/3	30	1.5	25	1 x 100.000 $\pm 0.040 \Omega$	Class 1/3B	-100 to 350°C
1PT100KN2528CL1/3	30	2.8	25	1 x 100.000 $\pm 0.040 \Omega$	Class 1/3B	-100 to 350°C
1PT100KN1515CL1/3	30	1.5	10	1 x 100.000 $\pm 0.040 \Omega$	Class 1/3B	-100 to 350°C
1PT100KN2515CL1/10	37	1.5	25	1 x 100.000 $\pm 0.013 \Omega$	Class 1/10B	0 to 100°C
1PT100KN2528CL1/10	37	2.8	25	1 x 100.000 $\pm 0.013 \Omega$	Class 1/10B	0 to 100°C
1PT100KN1515CL1/10	37	1.5	10	1 x 100.000 $\pm 0.013 \Omega$	Class 1/10B	0 to 100°C

* Dual element configurations.

† Leads are 10 mm L, body is ceramic.

See Page C-126 for more information relating to wire wound RTD usage, resistance and accuracy/interchangeability.

Ordering Examples: 1PT100KN2515CLA, wire wound platinum RTD element, 1.5 Dia x 25 mm L, resistance of 100.000 $\pm 0.060 \Omega$ at 0°C, \$21.

1PT100KN2515CL1/3, wire wound platinum RTD element, 1.5 Dia x 25 mm L, resistance of 100.000 $\pm 0.040 \Omega$ at 0°C, \$30.

1PT100KN2515CL1/10, wire wound platinum RTD element, 1.5 Dia x 25 mm L, resistance of 100.000 $\pm 0.013 \Omega$ at 0°C, \$37.