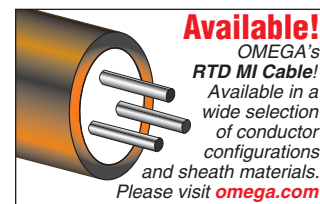


Ceramic Wire-Wound Platinum RTD Elements

Class A (IEC751), Alpha = 0.00385



The "KN" Series RTDs are suitable for applications requiring extremely high temperature stability and high temperature shock resistance. Deviation from the IEC751 characteristic curve is minimal over the entire temperature range. The small diameter tolerances of the sensor body allow easy installation in protective tubes. Applications are found in chemical and power generation plants and with analytical equipment.

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Dimensions† in millimeters (1 mm = 0.03937")	Nominal Resistance (Ohms)	Temperature Range, °C (°F)	Model Number	Price	Self Heating Error in C°/mW Flowing Air V = 1 m/sec	Response Time in Seconds			
						Flowing Water V = 0.4 m/sec		Moving Air V = 1 m/sec	
						50% Response	90% Response	50% Response	90% Response
	1 x 100	-200 to 600 (-330 to 1110)	1PT100KN1515CLA	\$12	0.08	0.2	0.6	5	18
	1 x 100	-200 to 600 (-330 to 1110)	1PT100KN2515CLA	13	0.08	0.2	0.6	5	18
	1 x 100	-200 to 600 (-330 to 1110)	1PT100KN3045CLA	21	0.21	0.2	0.6	2.5	9
	1 x 100	-200 to 600 (-330 to 1110)	1PT100KN3026CLA	21	0.06	0.3	0.7	15	50
	2 x 100	-200 to 600 (-330 to 1110)	*2PT100KN3045CLA	56	0.08	0.2	0.6	5	18
	2 x 100	-200 to 600 (-330 to 1110)	*2PT100KN3026CLA	39	0.06	0.3	0.7	15	50

† Leads are 10 mm long. * Dual element.

Ordering Example: 1PT100KN1515CLA, 1 x 100 Ω ceramic wire-wound element, \$12.

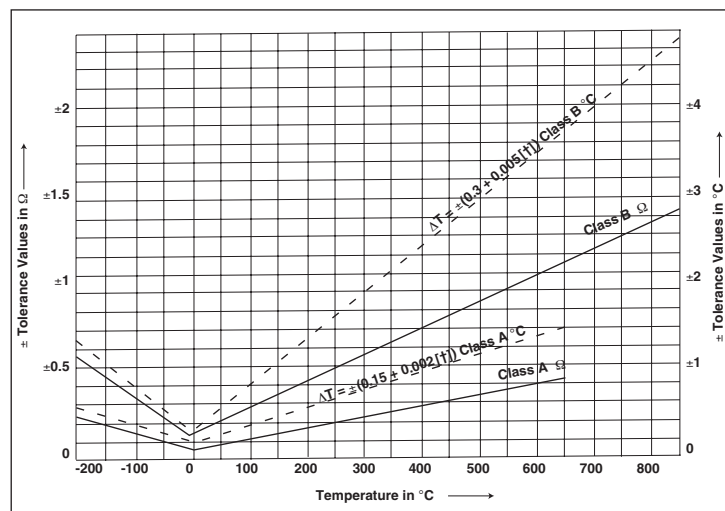
Discount Schedule

(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%

**ENLARGED TO SHOW
CONSTRUCTION.
SEE ABOVE
FOR DIMENSIONS.**

All RTD elements come standard with 10 or 15 mm leads.
Welded insulated extension leads available.
Pricing is dependent on lead style (see page C-30).



Tolerance

Temp Deg °C	Class A		Class B	
	Ω	°C	Ω	°C
-200	±0.24	±0.55	±0.56	±1.3
-100	±0.14	±0.35	±0.32	±0.8
0	±0.06	±0.15	±0.12	±0.3
100	±0.13	±0.35	±0.30	±0.8
200	±0.20	±0.55	±0.48	±1.3
300	±0.27	±0.75	±0.64	±1.8
400	±0.33	±0.95	±0.79	±2.3
500	±0.38	±1.15	±0.93	±2.8
600	±0.43	±1.35	±1.06	±3.3
650	±0.46	±1.45	±1.13	±3.6
700			±1.17	±3.8
800			±1.28	±4.3
850			±1.34	±4.6



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