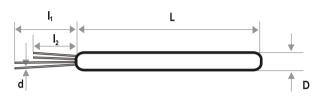
Heraeus

2 Pt100 KN 1517

The KN Series Ceramic Wire Wound PRTDs are suitable for general applications requiring temperature stability. The dual sensor can be used in redundancy systems.

Applications: Industrial resistance thermometers, especially in chemical, power generation plants and analytical equipment.

Construction: Two separate platinum coils are embedded and sealed inside a high purity aluminum oxide ceramic body. Lead wires are shear force resistant and assure proper connection to extension leads and cables.



Models													
	Description	Tolerance IEC 60751	Order No.	Dimensions mm					Self Heating O°C (K/mW)	Response to Water current A V=0.4m/s		Air s	
				L	D	d	I_1	I 2		t _{0.5}	t _{0.9}	t _{0.5}	t _{0.9}
	2Pt100 KN 1517	W0.3 W0.15 W0.1	32.206.157 32.206.158 32.206.159	15-0	1.7±0.15	0.20±0.01	11.0±0.5	10.0±0.5	To be released soon				

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	III MATINE	иныи	HI MATH	

after assembly:

Nominal resistance: 100 0hm @ 0 °C Measuring current:

Temperature range: W0.3 (Class B) = -196 to +660 °C Tolerance class: - According to IEC 60751:2008

- Other standards and narrower
W0.15 (Class A) = -196 to +600 °C
(Heraeus exceeds IEC 60751: -100 to +450 °C)

- Other standards and narrower
tolerances are available on request

W0.1 (Class 1/3) = -100 to +350 °C **Temperature stability:** Excellent long-term stability

Temperature

Tc = 3850 ppm/K

Also available: - Platinum-gold alloy

Tc = 3850 ppm/K

coefficient:

Also available:

- Platinum-gold alloy
- Different temperature coefficients
(3916 ppm/K - old JIS)

Leads: Palladium-gold alloy - Extension leads

Leads: Palladium-gold alloy - Extension leads

Insulation resistance

The measuring point is located at 8 mm from the end of the sensor body

> 100 MOhm @ 25 °C

Heraeus Sensor Technology USA

1901 Route 130 North Brunswick, NJ 08902 Phone 732-940-4400 Fax 732-940-4445 Email info.hst-us@heraeus.com www.hst-us.com

Status: HSTUSA 10/09

AMEYA360 Components Supply Platform

Authorized Distribution Brand:

























Website:

Welcome to visit www.ameya360.com

Contact Us:

> Address:

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd Minhang District, Shanghai , China

> Sales:

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

Customer Service :

Email service@ameya360.com

Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com