

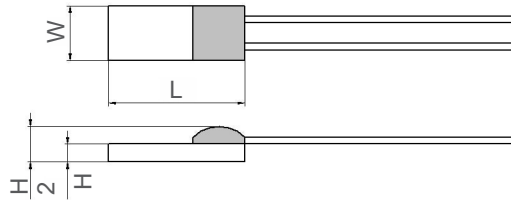


750 °Cシリーズ リード線付き白金センサ 超高温測定用

特徴

- 優れた長期安定性
- 低自己発熱
- 高速応答
- 振動および温度衝撃に強い
- 高い互換性
- 要求に応じて特注センサーの製作可能

外観¹⁾



1) 寸法参照

技術データ

使用温度範囲:	-200 °C ~ +750 °C	
公称抵抗値:*	100 Ω at 0 °C 500 Ω at 0 °C 1000 Ω at 0 °C	
公称抵抗値:*	3850 ppm/K	
長期安定性:	< 0.04 % 1000 h 最大使用温度にて	
許容クラス(温度範囲に依存):*		ISTAG基準
	IEC60751 F0.15	A
	IEC60751 F0.3	B
	IEC60751 F0.6	C
	IEC60751 F0.1	Y
リード線:*	Pt-wire, Ø0.2 mm (はんだ付け可能、溶接可能、圧着可能、ろう付け可能)	
推奨回路電流値: ¹⁾	1 mA at 100 Ω	
<small>自己発熱を考慮する必要があります</small>	0.5 mA at 500 Ω	
	0.3 mA at 1000 Ω	
他の特殊仕様:*	グループ仕様と対仕様 基板厚	

* 利用可能な顧客固有の選択肢



ご注文情報 - 7W (Pt-wire, Ø0.2 mm)

サイズ	寸法 (LxW x H / H2 in mm) L±0.2 mm, W ±0.2 mm, H±0.1 mm, H2 ±0.3 mm	F0.1 (class Y)	F0.15 (class A)	F0.3 (class B)
公称抵抗値: 100 Ω at 0 °C				
516	5 x 1.6 x 0.65 / 1.3	ご希望により	P0K1.516.7W.A.007 010.00644	P0K1.516.7W.B.007 010.00643
注文番号				
102	10 x 2 x 0.65 / 1.3	ご希望により	P0K1.102.7W.A.010 010.00156	P0K1.102.7W.B.010 010.00155
注文番号				
公称抵抗値: 500 Ω at 0 °C				
516	5 x 1.6 x 0.65 / 1.3	ご希望により	ご希望により	P0K5.516.7W.B.007 010.01660
注文番号				
公称抵抗値: 1000 Ω at 0 °C				
216	2.5 x 1.6 x 0.65 / 1.3	ご希望により	ご希望により	P1K0.216.7W.B.010 310.00158
注文番号				
516	5 x 1.6 x 0.65 / 1.3	P1K0.516.7W.Y.010 010.01683	P1K0.516.7W.A.010 010.01073	P1K0.516.7W.B.010 010.01072
注文番号				
520	5 x 2 x 0.65 / 1.3	ご希望により	P1K0.520.7W.A.010 010.00953	P1K0.520.7W.B.010 010.00283
注文番号				
102	10 x 2 x 0.65 / 1.3	ご希望により	ご希望により	P1K0.102.7W.B.010 010.00319
注文番号				

参考資料

アプリケーションノート:	和文資料名: ATP_J
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ご注文情報

白金センサ

二次参照

材質

P = Platinum

TCR

= Pt 3850 ppm/K G = Pt 3911 ppm/K
U = Pt 3750 ppm/K W = Pt 3850 ppm/K (extended operating temperature range in class A)

Resistance in Ω at 0 °C

Size in mm

Operating temperature range

1 = -50 °C to +150 °C	6 = -200 °C to +600 °C
2 = -50 °C to +200 °C	7 = -200 °C to +750 °C
3 = -200 °C to +300 °C	8 = -200 °C to +850 °C
4 = -200 °C to +400 °C	10 = -70 °C to +1000 °C

Connection

S = SIL	FK = flat wire customer-specific
I = insulated wire	SW = perpendicular wire
K = customer-specific	L = insulate stranded wire
W = wire	E = enameled Cu-wire
FW = flat wire	

Tolerance class

A = IEC60751 F0.15	K = customer-specific
B = IEC60751 F0.3	P = pair
C = IEC60751 F0.6	G = group
Y = IEC60751 F0.1	

Wire length in mm

Special

T = substrate thickness 0.25 mm	M = metallized backside
D = substrate thickness 0.38 mm	U = inverted welding
R = round housing	S = special
W = sintered powder	

P 0K1. 516. 7 W. A. 007. U



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