

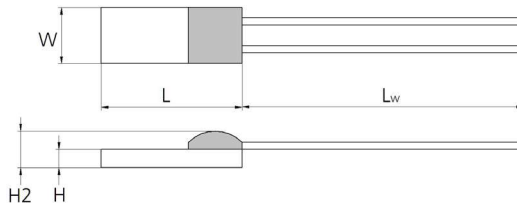


850 °Cシリーズ リード線付き白金センサ 超高温測定用

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⁾



寸法公差: $W \pm 0.2 \text{ mm}$, $L \pm 0.2 \text{ mm}$, $H \pm 0.1 \text{ mm}$, $H2 \pm 0.3 \text{ mm}$, $L_w(\text{up to } 30 \text{ mm}) \pm 1 \text{ mm}$

¹⁾ 寸法参照

技術データ

使用温度範囲:	-200 °C ~ +850 °C	
公称抵抗値:*	100 Ω at 0 °C 200 Ω at 0 °C 1000 Ω at 0 °C	
特性曲線:*	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):*	IEC60751 F0.15 IEC60751 F0.3 IEC60751 F0.6 IEC60751 F0.1	ISTAG基準 A B C Y
リード線:	Pt-wire, $\varnothing 0.2 \text{ mm}$ (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⁾	Max. 1 mA	
¹⁾ 自己発熱を考慮する必要があります		
他の特殊仕様:*	基板厚	

* 利用可能な顧客固有の選択肢



ご注文情報 - 8W (Pt-wire, Ø 0.2 mm)

サイズ	寸法(LxW x H/ H2; L _w in mm)	F0.1 (class Y)	F0.15 (class A)	F0.3 (class B)
公称抵抗値: 100 Ω at 0 °C				
516	5.0 x 1.6 x 0.65 / 1.0; 7.0	ご要望により	ご要望により	P0K1.516.8W.B.007
注文番号				010.01901
102	10.0 x 2.0 x 0.65 / 1.0; 10.0	ご要望により	ご要望により	P0K1.102.8W.B.010
注文番号				010.00158
公称抵抗値: 200 Ω at 0 °C				
420	3.85 x 1.9 x 0.65 / 1.0; 7.0	ご要望により	ご要望により	P0K2.420.8W.B.007
注文番号				010.02797
公称抵抗値: 1000 Ω at 0 °C				
516	5.0 x 1.6 x 0.65 / 1.0; 7.0	ご要望により	ご要望により	P1K0.516.8W.B.007
注文番号				010.02003

参考資料

	和文資料名:
アプリケーションノート:	ATP_J



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. 232. 8 W. B. 010. T

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All mechanical dimensions are valid at 25 °C ambient temperature, if not differently indicated • All data except the mechanical dimensions only have information purposes and are not to be understood as assured characteristics • Technical changes without previous announcement as well as mistakes reserved • The information on this data sheet was examined carefully and will be accepted as correct; No liability in case of mistakes • Load with extreme values during a longer period can affect the reliability • The material contained herein may not be reproduced, adapted, merged, translated, stored, or used without the prior written consent of the copyright owner • Typing errors and mistakes reserved • Product specifications are subject to change without notice • All rights reserved