

WEシリーズ - 延長電線付きセンサエレメント

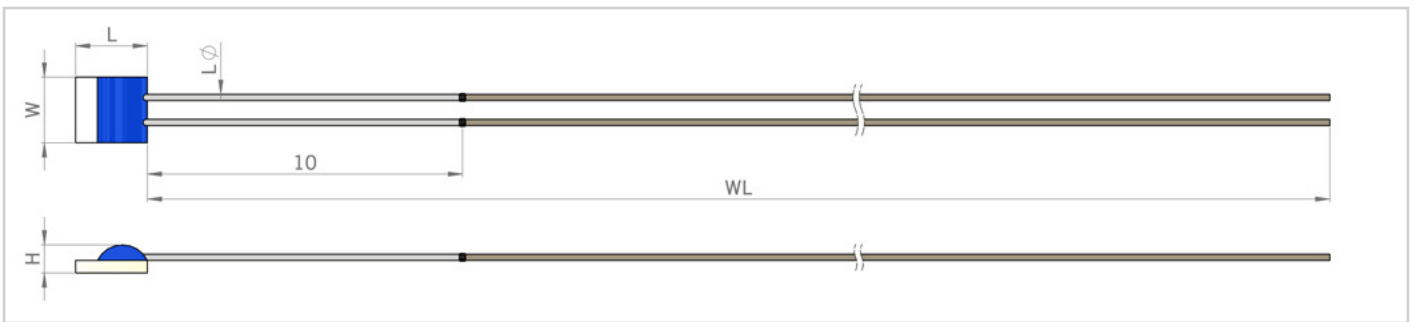
使用温度範囲 -70°C ~ +500°C

性能特性

- 応答速度が速い
- 優れた長期安定性
- 高精度と互換性
- 確実なレーザー溶接
- DIN EN IEC 60751に準拠

アプリケーション事例

- HVAC
- クロマトグラフ
- プロセス産業
- 様々な用途に使える半完成品センサ



画像はイメージです

寸法と材質

No.	製品タイプ	素子の抵抗値 R_0 [Ω]	寸法と公差 (mm)					導体		品番
			L	W	H	WL	LØ	材質	直径	
1	M222-WE-200	Pt100 / F 0.3	2.3 +0.2 -0.1	2.1 ±0.2	0.9 +0.3 -0.2	200 ±2	0.2 ±0.02	Ni (99.6%)	AWG32	5157675
2	M222-WE-200	Pt1000 / F 0.3	2.3 +0.2 -0.1	2.1 ±0.2	0.9 +0.3 -0.2	200 ±2	0.2 ±0.02	Ni (99.6%)	AWG32	30200145
3	M310-WE-60	Pt1000 / F 0.3	3.0 ±0.15	1.0 ±0.15	0.8 +0.3 -0.2	60 ±2	0.15 ±0.02	Ni (99.6%)	AWG32	5157677
4	M310-WE-200	Pt1000 / F 0.3	3.0 ±0.15	1.0 ±0.15	0.8 +0.3 -0.2	200 ±2	0.15 ±0.02	Ni (99.6%)	AWG32	5157676

WEシリーズ - 延長電線付きセンサエレメント

使用温度範囲 -70℃～+500℃

パフォーマンスデータ

No.	温度範囲	応答性 水流 (v = 0.4 m/s)		応答性 空气中 (v = 2.0 m/s)		引張強度 [N]	導体抵抗 [Ω/m]	アプリケーション
		T0.5 [s]	T0.9 [s]	T0.5 [s]	T0.9 [s]			
1	-70℃～+500℃	0.05	0.15	3	10	9	2.546	多目的
2	-70℃～+500℃	0.05	0.15	3	10	9	2.546	多目的
3	-70℃～+500℃	0.04	0.12	2.5	8	7	2.546	多目的
4	-70℃～+500℃	0.04	0.12	2.5	8	7	2.546	多目的

温度係数

TCR = 3850 ppm/K

測定電流

Pt100 Ω: 0.3 ~ 1.0 mA

Pt1000 Ω: 0.1 ~ 0.3 mA

(自己発熱を考慮する必要があります)

センサ素子の自己発熱係数

0.4 K/mW at 0℃

保管期間

梱包未開封で最低12か月

カスタマイズオプション

- センサ素子(タイプと抵抗値)
- 延長電線長さ
- 電線の材質
- 認証(例: IMDS、PPAP、IP規格)

さらに詳しい情報が必要ですか? センサアカデミーをぜひご覧ください!



RoHS
compliant

The information provided in this data sheet describes certain technical characteristics of the product, but shall not be qualified or construed as quality guarantee (Beschaffenheitsgarantie) in the meaning of sections 443 and 444 German Civil Code. The information provided in this data sheet regarding measurement values (including, but not limited to, response time, long-term stability, vibration and shock resistance, insulation resistance and self-heating) are average values that have been obtained under laboratory conditions in tests of large numbers of the product. Product results or measurements achieved by customer or any other person in any production, test, or other environment may vary depending on the specific conditions of use. YAGEO Nexensos does not recommend the use of standard catalogue products or automotive grades for aerospace applications or manned space flight. The customer is solely responsible to determine whether the product is suited for the customer's intended use; in this respect YAGEO Nexensos cannot assume any liability. The sale of any products by YAGEO Nexensos is exclusively subject to the General Terms of Sale and Delivery of YAGEO Nexensos in their current version at the time of purchase, which is available under www.yageo-nexensos.com/tc or may be furnished upon request. This data sheet is subject to changes without prior notice.