

## WEシリーズ - 延長電線付きセンサエレメント

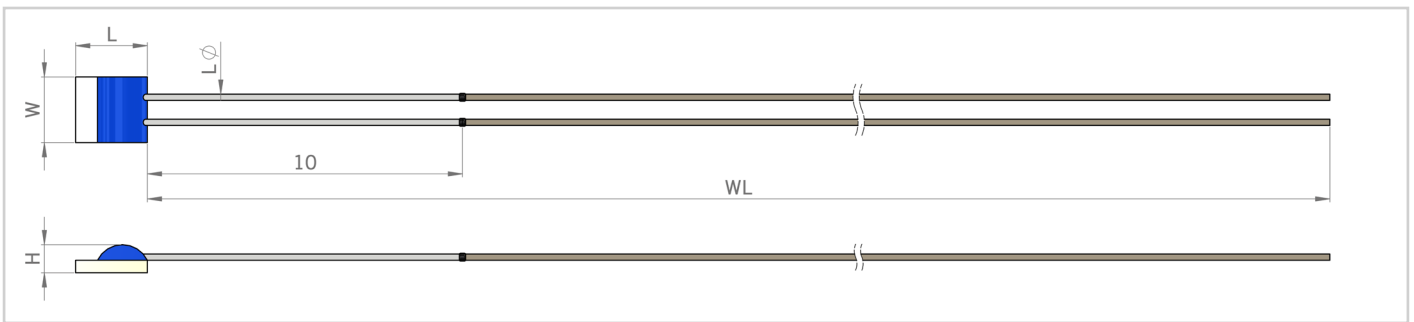
使用温度範囲 -70℃～+500℃

### 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 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

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使用温度範囲 -70°C ~ +500°C

### 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 空気中 (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°C ~ +500°C	0.05	0.15	3	10	9	2.546	多目的
2	-70°C ~ +500°C	0.05	0.15	3	10	9	2.546	多目的
3	-70°C ~ +500°C	0.04	0.12	2.5	8	7	2.546	多目的
4	-70°C ~ +500°C	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°C

### 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

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