

WE系列 - 带延长线的传感器元件

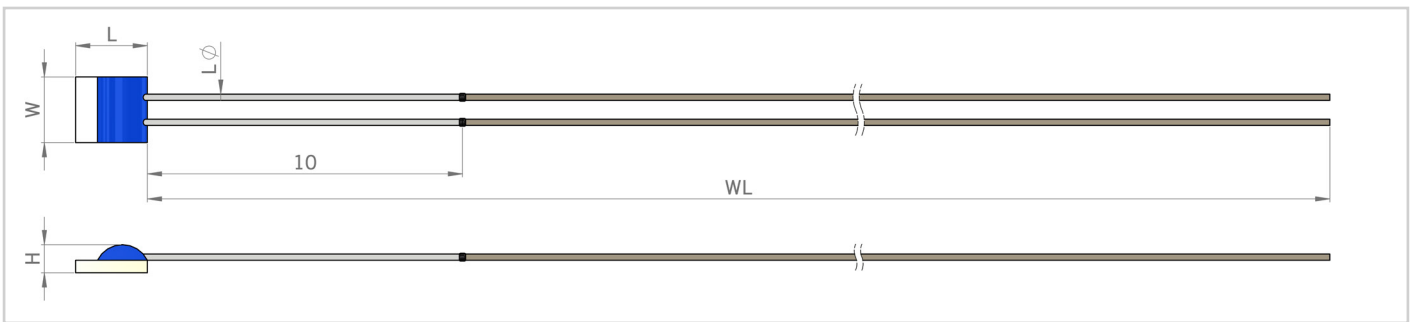
温度范围 -70 °C至 +500 °C

性能特征

- 快速响应时间
- 卓越的长期稳定性
- 高精度和可替换性
- 可靠的激光焊接连接
- 符合DIN EN 60751

应用示例

- 暖通空调
- 色谱仪
- 过程工业
- 各种用途的预制传感器



图片仅供参考

尺寸和材料

编号	产品类型	芯片电阻 R_0 [Ω]	尺寸和公差 (mm)					导线		产品料号
			L	W	H	WL	L \emptyset	材质	直径	
1	M222-WE-200	Pt100 / F 0.3	2.3 +0.2 -0.1	2.1 \pm 0.2	0.9 +0.3 -0.2	200 \pm 2	0.2 \pm 0.02	Ni (99.6 %)	AWG32	5157675
2	M222-WE-200	Pt1000 / F 0.3	2.3 +0.2 -0.1	2.1 \pm 0.2	0.9 +0.3 -0.2	200 \pm 2	0.2 \pm 0.02	Ni (99.6 %)	AWG32	30200145
3	M310-WE-60	Pt1000 / F 0.3	3.0 \pm 0.15	1.0 \pm 0.15	0.8 +0.3 -0.2	60 \pm 2	0.15 \pm 0.02	Ni (99.6 %)	AWG32	5157677
4	M310-WE-200	Pt1000 / F 0.3	3.0 \pm 0.15	1.0 \pm 0.15	0.8 +0.3 -0.2	200 \pm 2	0.15 \pm 0.02	Ni (99.6 %)	AWG32	5157676

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性能数据

编号	温度范围	响应时间 水流 (v = 0.4 m/s)		响应时间 空气 (v = 2.0 m/s)		拉力 [N]	导体电阻 [Ω/m]	应用
		T0.5 [s]	T0.9 [s]	T0.5 [s]	T0.9 [s]			
1	-70 °C至 +500 °C	0.05	0.15	3	10	9	2.546	多用途
2	-70 °C至 +500 °C	0.05	0.15	3	10	9	2.546	多用途
3	-70 °C至 +500 °C	0.04	0.12	2.5	8	7	2.546	多用途
4	-70 °C至 +500 °C	0.04	0.12	2.5	8	7	2.546	多用途

温度系数

TCR = 3850 ppm/K

工作电流

Pt100 Ω: 0.3 至 1.0 mA
Pt1000 Ω: 0.1 至 0.3 mA
(必须考虑自加热)

自热系数 (元件)

0 °C 下 0.4K/mW

保质期

未开封状态下至少可储存12个月

自定义选项

- 传感器芯片 (类型和电阻值)
- 导线延长线长度
- 导线材质
- 认证 (如IMDS、PPAP、IP防水等级)

如需了解更多信息,
请浏览我们的传感器学院!



RoHS
compliant

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