

## CE系列 - 带延长电缆的传感器元件

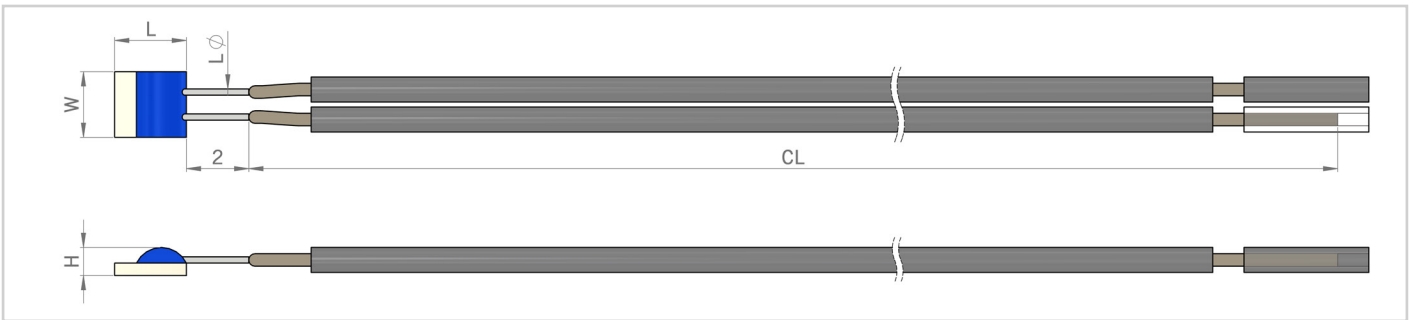
温度范围 -65 °C至 +260 °C

### 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 $R_0$ [ $\Omega$ ]	尺寸和公差 (mm)					导线			产品料号
			L	W	H	CL	LØ	线芯 (AWG)	绝缘	颜色	
1	M222-CE-200	Pt100 / F 0.3	2.3	2.1	0.9	198	0.2	24/19 NPC	PTFE	红色	5157701
2	M222-CE-200	Pt1000 / F 0.3	2.3	2.1	0.9	198	0.2	24/19 NPC	PTFE	红色	5157679
3	M422-CE-118	Pt1000 / F 0.3	4	2.1	0.9	116	0.2	30/01 SPC	PTFE	白色	5165634

## CE系列 - 带延长电缆的传感器元件

温度范围 -65 °C至 +260 °C

### 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	-65 °C 至 +260 °C	0.05	0.15	3	10	9	0.081 ±10 %	多用途
2	-65 °C 至 +260 °C	0.05	0.15	3	10	9	0.081 ±10 %	多用途
3	-65 °C 至 +200 °C	0.07	0.2	3.2	11	9	0.1 ±10 %	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)
- 导线材质 (线芯和绝缘)
- 导线尺寸 (长度和直径)
- 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

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](http://www.yageo-nexensos.com/tc) or may be furnished upon request. This data sheet is subject to changes without prior notice.