

MT系列 - 金属封装铂电阻温度传感器

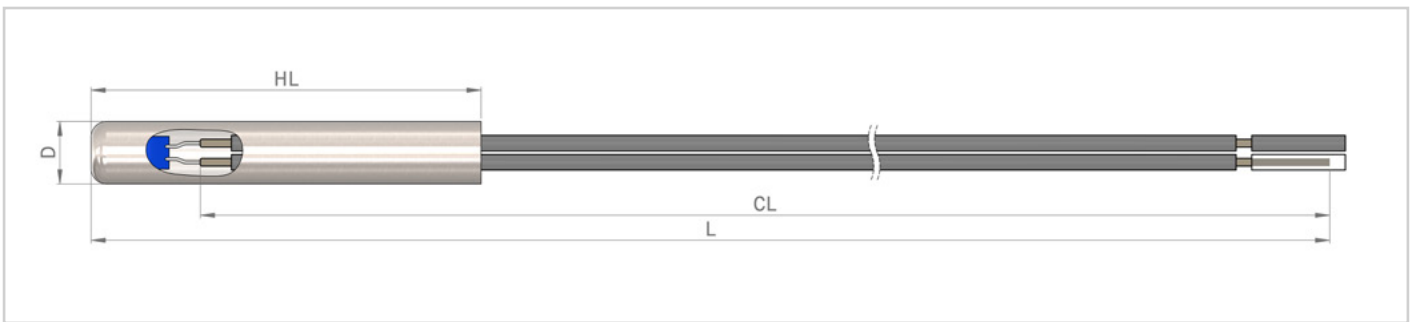
温度范围 -40 °C至 +500 °C

性能特征

- 可靠的不锈钢外壳
- 理想的导热系数
- 对大多数化学物质具有高度耐化学性
- 符合DIN EN IEC 60751

应用示例

- 过程工业
- 色谱仪
- 暖通空调
- 高温传感



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
			HL	D	CL	L	线芯 (AWG)	绝缘	颜色	
1	MT2060-C	Pt100 / F 0.1	20 ± 0.2	6 d10	320 ± 10	320 ± 10	24/01 Ni	玻璃纤维	白色	30500109
2	MT2060-C	Pt1000 / F 0.1	20 ± 0.2	6 d10	320 ± 10	320 ± 10	24/01 Ni	玻璃纤维	白色	31500989

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性能数据

编号	温度范围	介电强度AC (外壳)	响应时间 水流 (v = 0.4 m/s)		拉力 [N]	导体电阻 [Ω/m]	应用
			T0.5 [s]	T0.9 [s]			
1	-40 °C 至 +500 °C	500 V / 10 s	3.2	9.6	> 88	0.48 ±10 %	多用途
2	-40 °C 至 +500 °C	500 V / 10 s	3.2	9.6	> 88	0.48 ±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

自定义选项

- 所有外部尺寸
- 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)
- 连接器
- 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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