

TH系列 - 螺纹型铂温度传感器

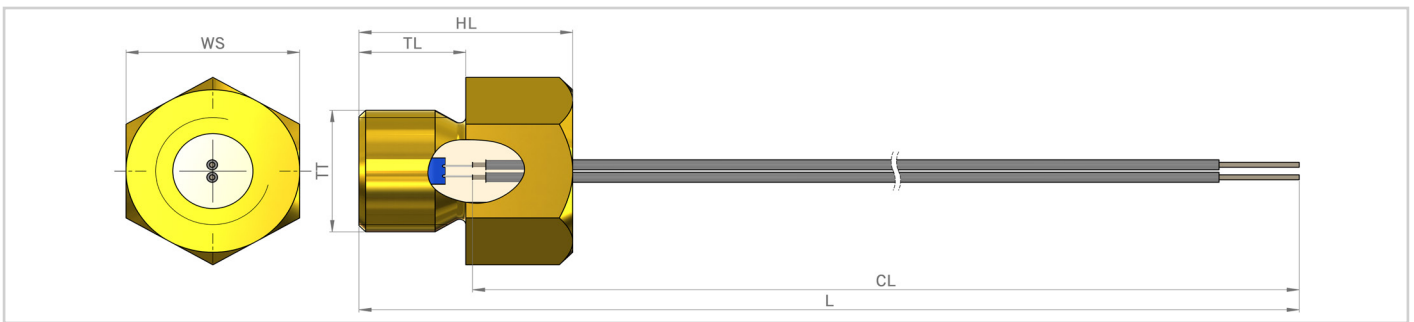
温度范围 -40 °C至 +250 °C

性能特征

- 优异的导热性
- 可靠的传感器固定
- 易于安装
- 符合DIN EN 60751

应用示例

- 暖通空调
- 母线系统
- 散热器
- 电机和轴承箱



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	
			螺纹类型	TL	HL	WS	CL	L	线芯 (AWG)	绝缘		颜色
1	TH16G1/8-T8	Pt100 / F 0.3	G1/8	8 ± 0.2	16 ± 0.2	13 ± 0.2	200 ± 10	196 ± 10	26/01 Ni	PTFE	白色	30010007
2	TH16G1/8-T8	Pt1000 / F 0.3	G1/8	8 ± 0.2	16 ± 0.2	13 ± 0.2	200 ± 10	196 ± 10	26/01 Ni	PTFE	白色	30010000

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性能数据

编号	温度范围	外壳材料	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 +250 °C	2.0401 Brass	500 V, 10 s	3.8	4.9	> 85	0.69 ± 10 %	多用途
2	-40 °C至 +250 °C	2.0401 Brass	500 V, 10 s	3.8	4.9	> 85	0.69 ± 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
- 导线尺寸和材质
- 传感器电阻值
- 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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