

PY系列 - 聚合物外壳铂电阻温度传感器

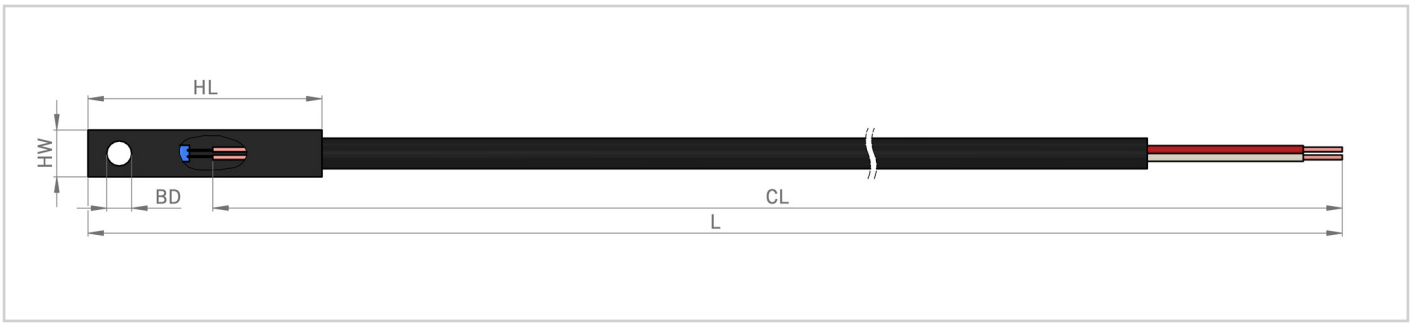
温度范围 -20 °C至 +110 °C

性能特征

- 理想的表面接触型传感器
- 可靠的聚合物外壳
- 耐磨护套电缆
- 易于安装在相应安装孔内
- 对大多数化学物质具有高度耐化学性
- 符合DIN EN 60751

应用示例

- 光伏模块管理
- 暖通空调
- 数据采集系统
- 通用表面型传感



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	HW	CL	BD	L	线芯 (AWG)	绝缘	颜色	
1	PY3060-S-B32	Pt100 / F 0.3	30 ±0.1	6 ±0.1	2514 ±8	3.2 ±0.1	2530 ±10	24/07 Cu	PVC/PVC	白色/ 红色	31600393
2	PY3060-S-B32	Pt1000 / F 0.3	30 ±0.1	6 ±0.1	2514 ±8	3.2 ±0.1	2530 ±10	24/07 Cu	PVC/PVC	白色/ 红色	30504002
3	PY3060-S-B32	Pt100 / F 0.3	30 ±0.1	6 ±0.1	3014 ±8	3.2 ±0.1	3030 ±10	24/07 Cu	PVC/PVC	白色/ 红色	5145162

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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)		导体电阻 [Ω/m]	应用
		T0.5 [s]	T0.9 [s]		
1	-20 °C至 +110 °C	11.5	32	0.08 ±10 %	多用途
2	-20 °C至 +110 °C	11.5	32	0.08 ±10 %	多用途
3	-20 °C至 +110 °C	11.5	32	0.08 ±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

- 传感器芯片 (类型和电阻值)
- 导线材料 (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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