

铂电阻(Pt100/1000)热敏电阻器

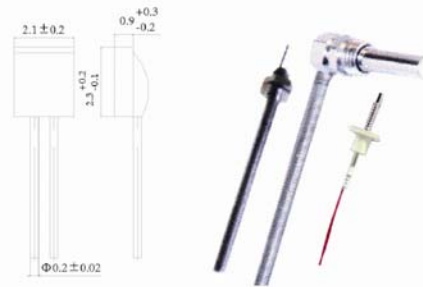
Negative temperature coefficient (NTC) thermistor

Pt100、Pt1000铂电阻及其温度传感器

Pt100 Super-power NTC Thermistor series

● 特点 Characteristics

- 采用德国原装进口铂热电阻元件
- 长期稳定性好, 宽温度范围内精度很高
- 体积小、耐振动, 安装简单
- 与控制仪表相联, 能直接显示出被测部分的实际温度
- Reliable Configuration and convenient installment
- Have the strongest capability of surge current protection
- Maximum steady state operating current
- Persistnat operating when passing through larger steady state current



● 应用范围

- 制冷空调系统
- 汽车、铁路机车
- 白色家电、食品加工、纺织设备

Applications

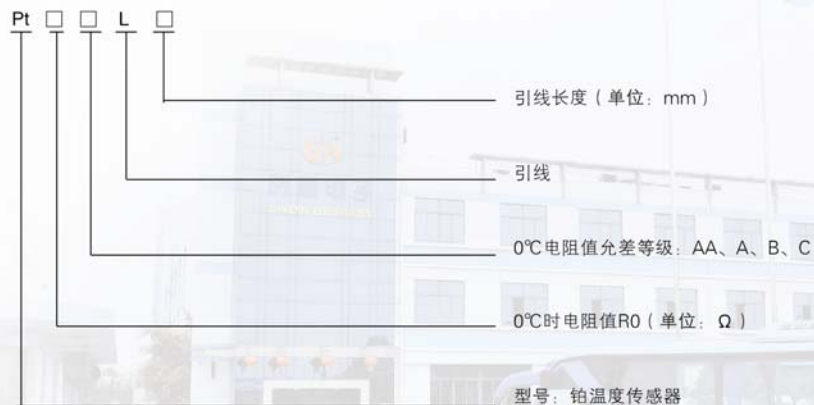
- Power conversion, switch power, UPS power
- All kinds of super-power lamps
- Electrical heater

● 铂电阻允差等级

允差等级	零度时阻值误差%	温度误差℃	温度系数 α 误差 ($\Omega/\Omega/^\circ\text{C}$)
AA	± 0.04	$\pm(0.1 \pm 0.0017 t)$	0.003851 ± 0.000004
A	± 0.06	$\pm(0.15 \pm 0.002 t)$	0.003851 ± 0.000005
B	± 0.12	$\pm(0.3 \pm 0.005 t)$	0.003851 ± 0.000012
C	± 0.24	$\pm(0.6 \pm 0.01 t)$	0.003851 ± 0.000024

$|t|$ =温度绝对值, 单位为℃

● 产品标注说明Specification



举例: Pt100BL3000

(铂温度传感器 / 0°C时电阻值: 100Ω / 电阻值误差等级: B级 / 线长: 3000mm)