

NTC 温度传感器规格书 NTC temperature sensor specification

model 型号: NRS2001B472F3950L20

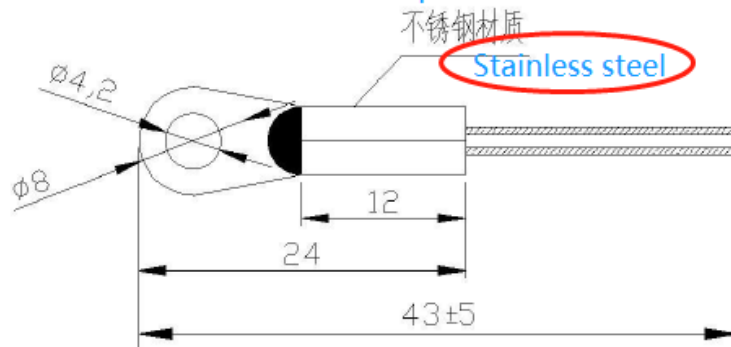
1、应用范围 1. Application Rang

主要用于家用空调、汽车空调、冰箱、冷柜、热水器、饮水机、暖风机、消毒柜、洗衣机、烘干机以及中低温干燥箱等场合的温度测量与控制等。

Application for air-conditioning, refrigerator, water heaters, water cooler, warm air blower, disinfection cabinet, washer, dryer and a medium-low temp

2、外形结构及尺寸单位: (mm) drying oven and other occasions of

2. Appearance and size temp measurement and control



3、材料 Material

3.1) 包(灌)封材料: encapsulate material 环氧树脂包封 epoxy resin

3.2) 导线: wire 铜包钢导线
Copper clad steel wire

4. Main technical parameters

4、主要技术参数 4.1) Nominal zero-power resistance value

4.1) 标称零功率电阻值 R_{25} (K Ω): $4.7K \pm 1\%$

4.2) $B_{25/85}$ 值 (K): $3950 \pm 1\%$

4.3) 耗散系数 (mW/ $^{\circ}C$): dissipation factor ≥ 2.2

4.4) 热时间常数 (S): Thermal time constant ≤ 15

4.5) 工作温度 ($^{\circ}C$): work temperature $-55 \sim +125$

4.6) 绝缘电阻 (M Ω): insulation resistance ≥ 500

4.7) 绝缘耐压 (V/AC) insulation and voltage resistance 500