



## C420, 符合DIN EN IEC60751的铂电阻温度传感器

温度范围-196 °C至 +150 °C

### 长期稳定性

在规定的温度上限下使用 1000 小时后 0 °C 下的阻值漂移不超过 DIN EN IEC 60751 的公差等级公差。

在 150 °C 下 1000 小时后, R (0 °C) 的阻值漂移为 0.03 %。

### 自热系数

0.3 K/mW 在 0 °C

### 绝缘阻抗

> 100 MΩ 在 150 °C

### 抗振动性

根据安装情况, 在10至2000 Hz的频率下, 加速度至少为40 g

### 抗冲击特性

根据安装情况, 至少带有8 ms半正弦波的100 g加速度

### 连接技术

锡焊

### 引脚材质

银钯

### 引脚拉力

≥ 8 N

### 包装

VCI塑料袋

按要求提供其他包装形式

### 保质期

未开封状态下至少可储存12个月

### 备注

其他公差、电阻值和导线长度可根据要求提供。

C220和C420铂元件优化了在低温下的使用。为了避免潜在的公差偏移, 在储存、组装或使用期间, 元件不应暴露在超过 150 °C的温度下。

由于随机抽样测量, 连接线可能发生弯曲 (称为V形)。这种弯曲取决于批次, 对铂测量电阻器的功能没有影响。

**RoHS**  
compliant

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Document: 20002219724 | Part 002 | Version 03 | Status: 11/2024