

M219, 基于 DIN EN 60751的铂温度传感器

温度范围-70 °C 至+500 °C, 可偶尔使用至+550 °C

长期稳定性

在规定的温度上下限下使用 1000 小时后 0 °C 下的阻值漂移不超过 DIN EN 60751 的公差等级公差。
在 500 °C 下 1000 小时后, R (0 °C) 的阻值漂移为 0.04 %。

自热系数

0.5 K/mW 在 0 °C

绝缘阻抗

> 100 MΩ 在 20 °C
> 2 MΩ 在 500 °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

熔焊, 压接, 钎焊

引脚材质

镍镀铂引线

引脚拉力

≥ 9N

包装

真空塑料包装
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, 电阻值和电线长度可根据要求提供。

由于随机取样测量, 可能会发生连接线弯曲 (称为V形)。这种弯曲是与批次相关的, 对铂测量电阻的功能没有影响。



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YAGEO Nexensos GmbH, Reinhard-Heraeus-Ring 23, 63801 Kleinostheim, Germany

YAGEO Nexensos GmbH, Germany
Web: www.yageo-nexensos.cn
联系/联系方式: nexensos.china@yageo.com

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