

PRODUCT OVERVIEW

YAGEO Group's MB-Series Pt-RTDs are designed for large volume applications, where competitive costs, long term stability and interchangeability is vital. The MB219 combines performance and high-volume availability and is a good choice for pyrolytic ovens, HVAC and other applications.



Quick Facts

Operating temperature: -70 °C to +500 °C, temporary up to +550 °C

Nominal Resistance: 100 and 1000 Ohm

Tolerance class: F 0.3 (B), F 0.6 (2B) according to DIN EN 60751

Contact & Information

For special requests (custom designs, lifetime extensions, etc.), contact regional Product Managers.



contact



Further Product information

Sensors

Temperature

WIRED PT-RTD MB-Series



Key Selling Points

Features

High accuracy and interchangeability

High vibration and shock resistance

Optimized for welding

Good choice for high volume applications

RoHs conform and Pb-free

Customer Value

Supports rapid and safe high-temperature operation

Longer service life of the sensor in harsh operating conditions

Easier and more reliable integration into welded assemblies

Ni-wires lower dependency on Pt price impact

Meets environmental standards for safe and lead-free production

Target Applications

- **Pyrolytic Ovens**
- **HVAC**
- **Consumer Appliances**

Market Advantages

- The product is specifically designed for reliable, cost-efficient use in large scale series production
- It enables manufacturers to scale production volumes while maintaining stable quality, costs and supply reliability
- The product offers a competitive advantage in high volume markets through its strong focus on manufacturability and process stability
- Pb-free design removes regulatory risk and ensures long-term market access