Product Brief | New-to-Market

Sensors

Temperature

WIRED PT-RTD M-Series

YAGEO GROUP
Built into Tomorrow

PRODUCT OVERVIEW

YAGEO Group's M-Series Pt-RTDs offer outstanding long-term stability and excellent measurement accuracy across a wide temperature range. The **M422** combines performance and high volume availability.

Our **Pb-free** portfolio provides a sustainable alternative to the standard M-Series, helping customers meet current and future environmental requirements.

Quick Facts

Operating temperature: -70 °C to +500 °C

Nominal Resistance: 100, 500 and 1000 Ohm

Tolerance class: F 0.1 (1/3 B), F 0.15 (A), F 0.3 (B) according to DIN EN 60751

Contact & Information

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

contact

Further Product information

Key Selling Points

Features	Customer Value
Excellent long-term stability and low drift	Consistent and reliable measurements over the entire product lifetime
High accuracy and interchangeability	Reduced downtime and easier maintenance
High vibration and shock resistance	Secure operation in demanding applications
Optimized for welding, brazing and crimping	Enables flexible and easy integration into any design.
Ideal choice for your large volume applications	Reliable supply and interchangeability in series production
Pb-free	Meets environmental standards for safe, lead-free production

Target Applications

- **Pyrolytic ovens**
- **Home Appliance**
- **HVAC industries**
- **Medical devices**
- **Industrial Process monitoring**

Market Advantages

- Superior measurement performance due to high accuracy, long-term stability, and minimal drift
- Reduced system and production costs through simple electronics and flexible connection options
- Easy integration across applications thanks to universal connectivity and stable long-term behavior
- Pb-free design removes regulatory risk and ensures long-term market access