

Thermocouple SWAP Program

For profile thermocouple management in Asia

The BASF SWAP program allows trade-in of used profile thermocouples for brand new ones. It is an alternative to the traditional repair and recalibration service, and can reduce the overall cost of ownership. As the precious metal experts, we designed this program to help our customers to be more successful.

The SWAP program reduces exposure to the fluctuations of precious metal prices since the precious metal wire is swapped out. This also eliminates the need for the labor intensive repair and recalibration process, which enables much shorter lead times.

In our state-of-the-art production facilities, we take extraordinary care to ensure that every instrument is manufactured with the highest degree of quality. Instruments are tested and calibrated against exacting standards, before they leave our ISO certified factory.

BASF expertise in high temperature thermocouples derives from products we have provided to the major semiconductor manufacturers all around the world, and our vast experience with precious metals.



Features and benefits

- Lower overall cost of ownership
- New thermocouple each time
- No wire homogeneity problems due to used wire

- Shorter lead times
- Reduce exposure to varying precious metal prices
- Engineered to OEM specifications
- ISO 9001:2000 certified factory
- Calibration traceable to NIST standards
- ISO9001:2000 certified



Precious metals expertise

Metals – particularly those in the Platinum group – are critical components of many products made by BASF such as contact thermocouples. Ensuring that those raw materials are where they need to be, when they need to be there, in the form they need to be and at the lowest possible cost is what BASF's Precious and Base Metal Services group is all about. Given our unique understanding of market fundamentals, such as current and future supply, technology changes and market risks, we help ensure that BASF and our customers have a cost-effective, reliable supply of the raw materials they need.

A fundamental understanding of precious metal and precious metal technologies is also critical. The experience of our research and development group in precious metal and precious metal technologies is unmatched.

We have led the industry with breakthrough innovations. No one knows more about precious metals. We are the precious metal experts.

Thermocouple handling hints

- Minimize bending leads wire
- Unplug thermocouple holding connectors, not leads
- Insert or extract thermocouple at approximately 2.5 cm/sec (1 in/sec)
- Avoid Sodium contamination of quartz by using gloves for any contact with the thermocouple
- Never run thermocouple wires parallel or across AC electrical lines
- Support thermocouple at mid-span whenever possible

About Us

BASF's Catalysts division is the world's leading supplier of environmental and process catalysts. The group offers exceptional expertise in the development of technologies that protect the air we breathe, produce the fuels that power our world and ensure efficient production of a wide variety of chemicals, plastics and other products, including advanced battery materials. By leveraging our industry-leading R&D platforms, passion for innovation and deep knowledge of precious and base metals, BASF's Catalysts division develops unique, proprietary solutions that drive customer success.

BASF - We create chemistry

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