

- HEATING
- INSULATION
- MEASURING
- FIRING & MELTING



DIN EN ISO 9001  
Zertifikat Nr. 71 100 G 016

■ **M.E.SCHUPP® -PTCR**  
Precise Temperature Control Rings  
from 660°C up to 1,750°C

gdtb\_XL\_0400

### Firing process control

In the course of time – as a result of aging of the heating elements or frequently alternating firing cycles – “hot” and “cold spots” may gradually return to the kiln. The PTCR can help here, too. Once the firing process has been optimised, PTCR can be used regularly to monitor the firing process and to detect these deviations as they gradually arise, before they affect product quality.

By comparing the current ring temperatures against the defined standard, the number of degrees of ring temperature by which the firing process must be adjusted can be determined. Using several rings at critical locations in the kiln ensures that an even heat distribution is maintained.

### Quality control at lower cost

Besides the benefits of yield improvement through optimisation of firing process, the PTCR can also help reduce production costs. Simple comparison of ring temperature against a quality standard indicates whether the products are sintered to specification. Expensive, time-consuming conventional quality checks – destruction testing, geometry, density and porosity tests – can be reduced or eliminated.

### Packing

15 pc. / small paper boxes  
600 rings in a solid shipping box