



Heating Controlling Monitoring





Heating - Safety - Quality

Safe heating of liquids is our job and if it has anything to do with aggressive liquids then we are the specialists for you! We can offer you our tried and tested products or specially developed solutions suited to your needs for every application. Our heating elements are for liquids, smelting, steam and gases. Different construction forms enable space-saving fitting and the best installation possible. We guarantee you high quality products which are very reliable and with a long life span.



Immersion Heater ROTKAPPE



Storage Tank Heater ROTKAPPE

We calculate the heating requirements for your system with the aid of the computer and we can advise you objectively.

The immersion heaters, also in small size, from our ROTKAPPE product range are perfect for direct heating of aggressive liquids with robust immersion tube materials which require very little fitting space.



They are especially suitable for the requirements of the galvanic and surface technology.

Angular immersion heaters and tank heaters can also be used in low liquid level tanks and they prevent freezing, crystallization and thickening.



Angular Immersion Heater ROTKAPPE



Small Immersion Heater ROTKAPPE



Heating - Safety - Quality

PTFE-Heating Rods GALMAFORM
and GALMAFLEX

The GALMAFLEX and GALMAFORM heating rods which can be shaped individually as well as the ROTAFLOX / GALMAFLOX flat immersion heater and the GALMATHERM heater have proven themselves in highly restricted space and under extreme chemical exposure.



Teflon-Heater GALMATHERM



CALOR cartridge heaters for heating liquids, smelting, steam and gases can be delivered with or without pre-assembled immersion tubes.



Cartridge Heater CALOR



Reliable Monitoring and Controlling

The safety of your system and the production process is exclusively maintained by monitoring and controlling devices. We can offer you a wide range of single components or complete solutions from probes to electronics. An important safety factor is the independent function of the monitoring and the controlling technology. As a result this effectively prevents possible breakdowns or failure and the efficient operation of your system is guaranteed over a long period of time.



Conductive Level Probes
NS / NT



Level Switches MTSu / MTSt

The floating MTS switches and the NS level rod-probes control the minimum and maximum liquid level and ensure monitoring of the liquid amount while reacting to the danger of leaks and overflow.



Reliable Monitoring and Controlling



Electronic Temperature Controller MTR



Temperature Probe TF

The MTR and ENR electronic thermostats ensure that the process parameters are observed.

The TF temperature probe equipped with a Pt 100 probe allows quick and exact temperature gauging. The robust material of the protective tube casing ensures the best possible chemical reliability of the temperature sensors in all the usual liquid solutions.



ENR / ETS

The ETS and ENR thermostats, which prevent emptying and which control the level, monitor exactly the liquid level in the tank and prevent emptying.

The STB and ETB temperature limiters react when the liquid overheats.

The B-STRu thermostat independently controls the preset temperature of the liquid substance or it can be combined with the ROTKAPPE immersion heater.



Rod-type Temperature Controller B-STRu and Rod-type Temperature Limiter B-STB



Custom-built Products with the Optimum Solution

We develop with you the suitable solution for your application.

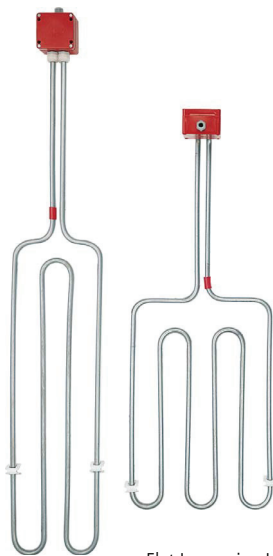
The material used will be tailored to your needs. Special materials like Hastelloy, Incoloy, Monel or Tantal are also possible. The modular construction of our heating elements enables quick and simple modification of our products. Our experience and knowledge of heating in general and its application result in the very



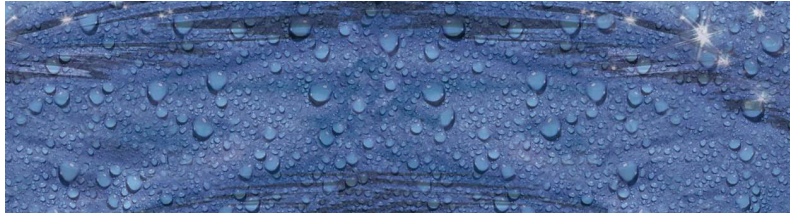
best OEM solutions. We advise you objectively in all areas of heating technology and in the necessary additions to your system.

Well known system manufacturers are amongst our customers and have been using our products now for decades.

Our heaters are adapted to the respective application and therefore increase the productivity of your system.

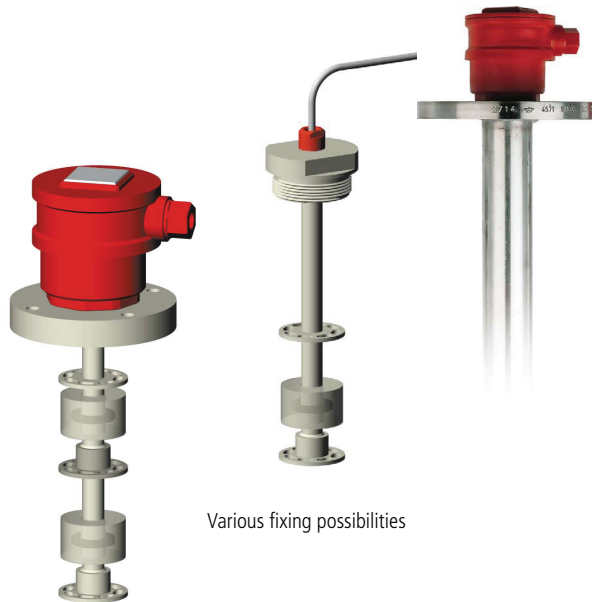


Flat Immersion Heaters ROTAFLOX, customized bent

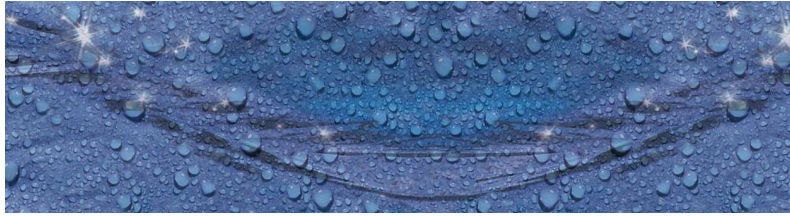


Specific customer solutions are individually developed by us in accordance with ISO 9001 and are subsequently implemented quickly and cheaply for you.

Modifications of standard products are already taken into account during product development and design. As a result adaptations to a particular application are still possible on the spot.



Various fixing possibilities



Consulting and Customer Service

Competent advice and reliable customer service are a matter of course with us. We can offer you this service with our own expert advisors in the company, with our partners all over the world or on the spot with our flexible external service. Put your trust in our proven quality products. We look forward to your call and to talking to you!



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