

## Miniature resistance thermometers for hygienic applications



### Applications

- Sanitary applications
- Food industry
- Beverage industry
- Biotechnology industry and pharmaceutical industry, production of active ingredients
- Cosmetics industry

### Special features

- Compact design for space-saving installation
- Simple connection via M12 connector with IP 69K sealing contour
- Output signal: Pt100 or 4 ... 20 mA via transmitter, fully programmable
- Materials and surface finish qualities in hygienic design in accordance with 3-A and EHEDG
- Protection against ingress of water with high-pressure or steam cleaning (IP 69K)

## Pipe surface resistance thermometer for clamping

### Model TR57-M

- Variable
- For closed pipelines



### Benefits to you

- No intrusion into the pipeline
- Can be calibrated without having to open the process
- Later installation possible



Further information can be found at



[www.wika.com](http://www.wika.com) > Industries > Hygienic

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## Safe, accurate and right, when it comes to hygiene ...



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# Innovative hygienic design for the most demanding requirements

## Resistance thermometer with flange connection

### Model TR21-A

- Variable
- Sensor for closed processes

#### Benefits to you

- Can be calibrated without having to open the process
- Tip-sensitive sensor technology
- Optimal temperature contact through spring-loaded measuring insert
- No heat-transfer paste
- Wide selection of process connections



Further information can be found at



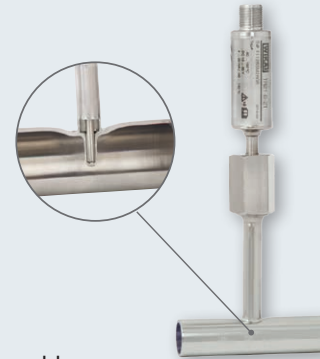
## Resistance thermometer for orbital welding

### Model TR21-B

- Dead-space free design
- Maintenance-free

#### Benefits to you

- Dead-space free, easily cleanable
- Can be calibrated without having to open the process
- Tip-sensitive sensor technology
- Optimal temperature contact through spring-loaded measuring insert
- No heat-transfer paste
- Seal-free process connection



Further information can be found at

## Resistance thermometer with welded flange connection

### Model TR21-C

- Compact
- Cost-effective

#### Benefits to you

- Completely sealed against steam jetting
- No diffusion of moisture inside
- Space-saving
- All-metal case
- Extremely robust



Further information can be found at

