

Model TR21-A

Miniature resistance thermometer with flange connection

→ Data sheet TE 60.26

- Calibration with sealed process
- Spring-loaded measuring insert
- No heat-transfer paste
- All-metal case



Model TR21-C

Miniature resistance thermometer with integrated flange connection

→ Data sheet TE 60.28

- Compact design
- Cost-effective
- Extremely robust
- All-metal case



Model S-20 with 990.22

Pressure sensor S-20 with diaphragm seal 990.22

→ Data sheet SP 99.29

- Absolute pressure measuring ranges to 25 bar (200 psi)
- Autoclavable to 121 °C
- M12 connector to seal the electronics hermetically



Pressure | Temperature | Level

Autoclavable instrumentation

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WIKAL

Smart in sensing

The process in view – with the highest quality and precision

Autoclaving is a sterilisation procedure in which items or equipment are sterilised in saturated steam for at least 20 minutes.

The measuring instruments are mounted to vessels or other equipment. These can be placed, complete, into the autoclave. The specially developed instrumentation from WIKA fulfils the extremely demanding requirements of the steam sterilisation.

Autoclaving process

- T_{\max} 134 °C (273 °F)
- P_{\max} 3 bar (43.5 psi)
- RF100 % (saturated steam)

Your benefits

- The time-consuming use of sterile connectors is not necessary.
- Only WIKA provides you with a package solution for the autoclaving process, to enable you to measure the most important process parameters (pressure, temperature, level).
- Through the combination of high-quality components and materials and a rigorous sealing concept, our measuring instruments are perfectly suited to these applications.

Model PG43SA-C

Pressure measuring instrument with flush diaphragm element, compact version

→ Data sheet PM 04.15

- For sidewall instrument ports
- For space-saving installation at horizontal pipe branches



Model PG43SA-S

Pressure measuring instrument with flush diaphragm element

→ Data sheet PM 04.16

- For high tanks and horizontal pipelines



Model PG43SA-D

Pressure measuring instrument with integrated diaphragm element monitoring

→ Data sheet PM 04.17

- Continuous diaphragm element monitoring with status display
- Two barriers for secure separation of the process from the atmosphere



Patent, property right: e.g.
DE 102016005568, US 2016349128A1,
CN 106197792

- Safety through purely mechanical pressure transmission and a robust diaphragm element
- Suitable for SIP, CIP and wash-down areas
- For the highest safety
- Easy-to-read, large display
- High overload safety



Video
Diaphragm pressure gauges in hygienic design