

Level Sensor with G1/2" Thread Hygienic



Application/Intended use

- Exact detection of presence and absence levels in vessels and pipes with excellent conductivity. The conductivity depends on the installation. It is a plus when using external evaluation units, e.g. MFS series or MFL-L, and the plus when using the internal evaluation unit MFL (if available).

Application examples

- Exact detection of fluids in vessels (where the sensor is built in from the side) or pipes
- Fall detection in vessels and tanks where the sensor is built in from the top
- Empty detection in vessels and tanks where the sensor is built in from the bottom
- Process monitoring in pipes
- Regulatory monitoring processes
- Level control in tanks
- Overfill protection in dosing systems

Hygienic design/sterile connection

- Hygienic process sensor that with G1/2" design
- Compliance with 3-A Sanitary Standard (the versions with MFL-L design)
- All contact materials are FDA-compliant
- Inner completely made of stainless steel and PEEK, coating made of NiTi
- Complete absence of process connections on cable side
- The Anderson-Negele T3-KIT design system offers a clean, optimized, hygienic and easy-maintainable installation solution for sensors

Special features/benefits

- CEMP (cleaning up to 121 °C/250 minutes min.)
- Rotated position of the cable entry
- Available with or without an integrated level transmitter
- Different electrical connections available
- Back may be disassembled and cleaned as needed
- Minimum cables, installation in pipes (depending on MFL) possible
- Fully sealed to avoid contamination

Options/accessories

- High temperature version available (only with one piece, for use in processes with constant temperatures of up to 121 °C)
- Fixed cable also available in other cable lengths

Selection of the right sensor type

Cable

For heavy, adhesive (e.g. sulphur) and/or coating media (e.g. alkaline solution) we suggest using a sensor with a coated cable.

Sensors with non-coated cable are only suitable for aqueous, non-adhesive and non-coating media.

Temperature

If a sensor with an integrated level transmitter MFL is needed, we suggest using the high temperature version with a special PTFE sheath temperature resistant for 121 °C (option H).

Authorizations



MFS-043



MFS-045



MFS-046

