

Level Sensor with M12 Thread Hygienic



Application/Intended use

- Exact detection of presence and absence of media in vessels and pipes with excellent conductivity. The conductivity depends on the medium. Media to please allow using external evaluation units, e.g. IMA series or M12-L and M12-PL also enable the internal evaluation and IMA or M12-PL.

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
- Prevention of emptying processes
- Level control in tanks
- Overfill protection in dosing systems

Hygienic design/sterile connection

- Hygienic process version also with CE/UK/US/CA
- Conforming to 3-A Sanitary Standard (the versions with M12-L and M12-PL) and all relevant standards 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 CE/UK/US/CA system offers a clean, optimized, hygienic and easy-maintainable installation solution for sensors

Special features/benefits

- CE/UK/US/CA-coding up to 121 °C/250 minutes max.
- Rotated position of the cable entry
- Available with or without an integrated level transmitter
- Different electrical connections available
- Back may be shortened and ordered as needed
- Minimum cables, installation in pipes depending on M12 is 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

- Coding**
For better selection (e.g. copper) and/or coating (e.g. titanium selected) we suggest using a sensor with a coated rod.
- Sensors with cable control rods are only suitable for aqueous non-conductive and non-corrosive media.
- Temperature**
If a sensor with an integrated level transmitter M12 is needed, we suggest using the high temperature version with a special if the medium temperature exceeds 60 °C (up to 121 °C).

Authorizations



M12-044



M12-061



M12-066

