



**You Build the Ships of the Future.
Our Sensors Ensure
Your Safety!**





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GTR 210 MED



Gas transmitter GTR 210 MED is used for the detection of flammable, toxic gases and oxygen in ATEX zone 1.

The gas transmitter converts the measured signal to a physical concentration, displays this on a 3-colour display and transmits the gas concentration to the processing unit via a 4 ... 20 mA interface.

The GTR210 MED comes with the metrological permits for the measurement of flammable gases and vapours as well as oxygen. Both the software and the hardware have been certified and meet safety integrity level SIL1.

Materials and sensors that are particularly suitable to maritime use were selected. This was confirmed by the corresponding DNV-GL class certification and MED type tests.

Measurement of:

- Hydrogen
- Methane/LNG
- Propane
- Alkane to hexane
- Oxygen
- Carbon dioxide
- Hydrogen sulphide
- Refrigerants

FlexADOS 914 MED



The **FlexADOS 914 MED** processing unit can manage up to 12 gas transmitters. It is designed for the high demands of maritime use. The FlexADOS 914 MED offers the following interfaces for communication with higher-level systems, signalling and alarming.

- 17 potential-free contacts

- and various fieldbus interfaces

The unit is DNV-GL class-certified and type-tested in accordance with MED directive 2014/90 EU and therefore also features the wheelmark.

The FlexADOS914 MED also comes with the metrological permits for evaluating transmitters in EX zone 1 and meets safety integrity level 1.

Areas of application:

- Explosion protection
- Leakage monitoring
- Personal protection
- Inerting
- Terminals
- Ships with LNG, LPG and LFL engines
- LNG, CNG, oil and chemical tankers
- Cruise ships

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Measurement and control technology

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