

NDIR SENSORS FOR FUMIGATION GASES

SO₂F₂, CH₃Br





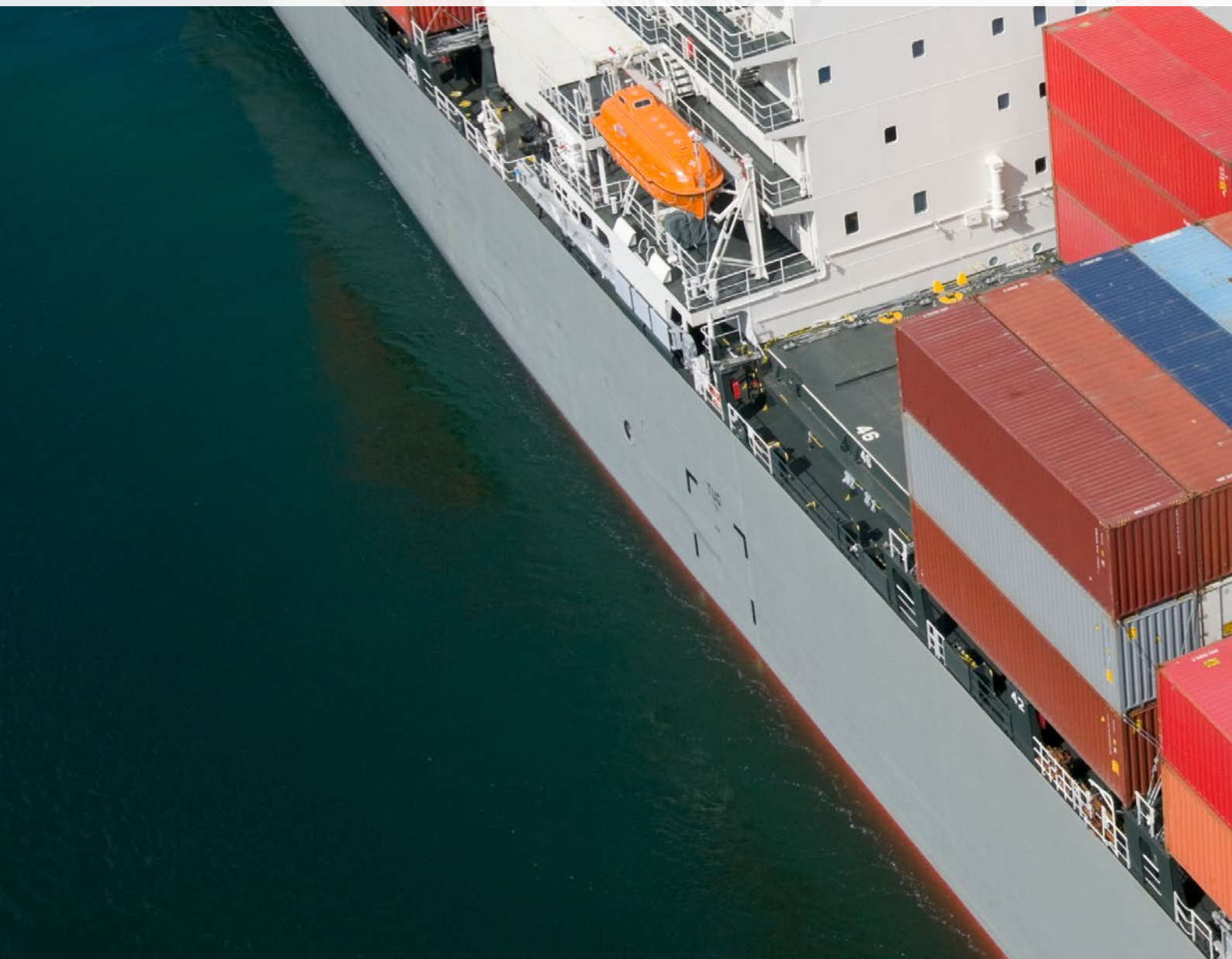
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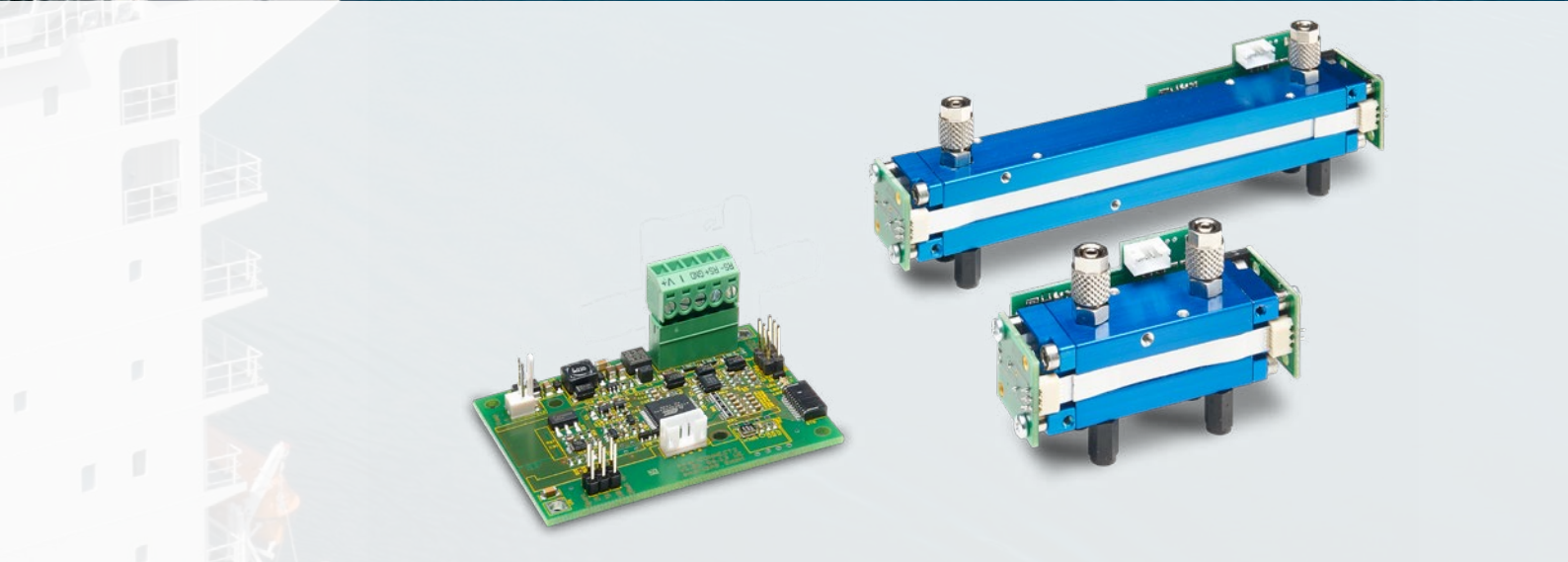
NDIR-SENSORS – REDUCED YOUR COSTS - IMPROVE YOUR EFFICIENCY

In global trade, all kinds of goods are transported by sea in containers or stored; some for several weeks. These containers are often treated with pest control agents to prevent foreign species from entering. These gases that are fatal to the uninvited guests can also pose a danger to people.

The SO_2F_2 and CH_3Br concentration levels in the container are therefore measured before they can be entered. With SO_2F_2 and CH_3Br sensors from the FLOW^{EVO} series, smartGAS offers high quality and reliable solutions for this important measuring task.

Due to the measurement ranges of 0 - 100 ppm or 6 Vol.-% (and even higher ranges), recently fumigated containers can be measured regarding the filling concentration, and the incoming container can be safely measured with regard to accessibility.





SO₂F₂

CH₃Br

SO₂F₂:

0-100 ppm

0-6 Vol.-%

CH₃Br:

0 - 6 Vol.-%

0 - 35 Vol.-%

YOUR BENEFITS

- Highly selectiv → low cross sensitivity to other gases
- Long lifetime → up to 10 years
- Fast response time → $t_{90} < 12s$
- Small drift over time → long calibration cycles
- Low cost of ownership → sustainable technology

IDEAL FOR

- Pesticide
- Fumigation of container
- Prevention of wood pest



SMARTGAS – SMART SOLUTIONS FOR GAS MEASUREMENT



» *Leading gas measurement technology since 2005*

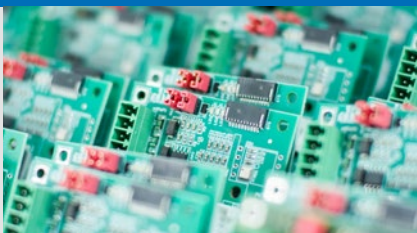
» *Specialized in NDIR gas sensing technology*

» *Solution provider for customer specific systems*



» *Production, calibration and R&D all located in Germany*

» *ISO 9001:2015 certified*



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