



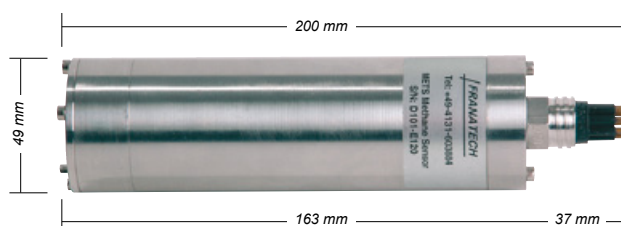
MECHANICAL SPECIFICATIONS

- Material: Titanium
- Weight in air: 0,8 kg
- Weight in water: 0,5 kg
- Depth rating 4000m

No internal moving parts or pumps, hence lower failure risk and lower power drain. Inherent to the technology, and also dependent on detector manufacturing and tuning, all parameters such as sensitivity, power consumption, response time and response behavior are linked together. Following specifications are indicative, we can select and tune the detectors to meet your requirements.

ELECTRICAL SPECIFICATIONS

- Input: 9 to 36 VDC, 40 to 120 mA@12VDC
- Output: standard analogue 0..5V and digital RS485
- Options: 4..20mA, RS232, analogue only, digital only, Desktop Converter RS485/RS232



CALIBRATION RANGES

- Temperature: standard 2–20°C, others on request
- Methane: standard 50nM – 10µM
sensitive 1nM – 500nM (in pumped flow-through mode)
low range 20nM – 1µM / high range 1µM – 40µM
- Calibration formula and parameters can be provided in format compatible with CTD-probe from different manufacturers (e.g. Seabird, SST)
- Response time: reaction time within few seconds
T90 between 1 and 30 min depending on version and deployment conditions.
- Special features: integrated formula (plug & play)
correction formula for work under variable oxygen levels

NOTE: above concentration and temperature ranges are typical. Depending on the application requirements, we can select other calibration ranges.

