



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.

Our version of the METS with extended housing to accommodate an internal data logger has been on the market since many successful years. Logically, obsolescence has become an increasing issue on some components. This version has now reached its end-of-life and will be discontinued.

MECHANICAL SPECIFICATIONS

- Material: Titanium
- Weight in air: 0,8 kg
- Weight in water: 0,5 kg
- Depth rating 4000m
- Option 6000m and full-depth with slightly larger housings

ELECTRICAL SPECIFICATIONS

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



CALIBRATION RANGES

- Temperature: 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)

OPERATIONAL FEATURES

- 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.

