



The FDL-Multi is a customized data logger for the operation of various sensors on a bottom station.

One configuration supports 4 METS and one optode oxygen sensor for about 40 days at a sampling rate of 1 sec. Power supply is external.

The FDL-Multi is provided with connection cables to sensors and PC, dummy connectors, software and spare parts.

ELECTRICAL SPECIFICATIONS

- Power supply: generally 9..18 VDC (for instance Seabattery™)
- Consumption: max 40 mA@ 12VDC
- Input from sensors: 0..5V
- Communication with PC: standard USB

MECHANICAL SPECIFICATIONS

- Material: titanium grade 5
- Depth capability: 6000 m
- Housing dimensions: diameter 107 mm, length with connectors 347 mm
- Weight in air: 5.6 kg
- Connectors: Subconn™, Impulse™, standard connector for connection to Seabattery™
- Operating temperature: -25°C to +40°C

FEATURES

- High-speed microcontroller
- 64kB Flash EEPROM
- 512MB Secure Digital Card Real-Time Clock with buffer battery (Storage medium)
- Voltage and Temperature monitoring
- Sleep modus