



Data Logger MDS Floater-3

Groundwater Monitoring

Key Features

- Suitable for 2" casing
- 10 years battery life time, - no change of battery necessary -
- Waterproof and flood protected housing, unaffected by any climatic conditions

MDS Floater-3



MDS-Floater 3



groundwater

Floater-3 field application



groundwater

Application with LogCom



groundwater

Data retrieval via SEBA-HDA



Analysis of monitoring data e.g. via the internet platform "SEBA-Hydrocenter"

System Description Floater-3

The **Floater-3** is a float-operated system which is suitable for the installation in groundwater observation wells with casing diameters starting from 2".

The float wheel is moved by form-locking components which are free of slip- and slide effects. The Floater-3 system is free of any temperature influences, does not show any longterm drift effects and stands out by its customer-friendly, quick and easy installation procedure at site. Monitoring data can be retrieved through the robust SEBA-HDA or notebook. Optionally, the data can also be retrieved by a telemetric GSM/GPRS system through the additional installation of an "intelligent top piece" called **FlashCom/ LogCom** (see SEBA brochure "Groundwater Monitoring - Online - FlashCom-LogCom").

A consistency of the monitoring data is given through the standardised soft- and hardware (WBedien, DEMASvis, DEMASdb) which covers operation, readout, storage and further processing and analysis of the MDS-data.

Technical Data

- SMD technique with auto-testing routine
- 16 bit microprocessor
- 1 MB Flash-archive memory for approx. 480.000 measured values
- watch-dog for control of the microprocessor activities
- serial communication interface RS 485
- optional connection via Bluetooth
- real-time clock
- power supply by exchangeable lithium battery, sufficient for approx. 10 years (with 60 minutes storage interval)
- operating temperature: -20...+70°C

Storage of measured values:

- Storage of measuring values in real-time
- 16 bit resolution
- observation function (timestamp, control value)
- binary data-structure with date and time (every fragment of memory can be reconstructed)
- storage of control values
- measuring interval: 5 sec up to 45 days

Floatersystem & Housing:

- free of temperature influences (provided that sensor and logger are in ice-free environment)
- measuring range: 0 - 15 m (other ranges upon request)
- guaranteed accuracy < 1 cm
- Housing: watertight PVC
- Dimensions: Ø 40 mm
- Length: 280 mm
- Suitable for installation in wells $\geq 2"$

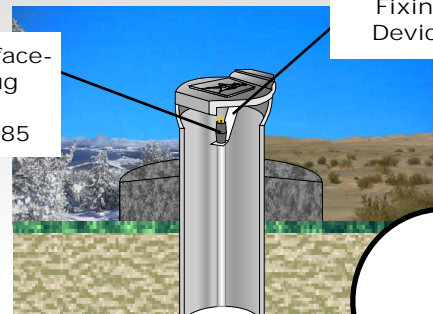


Data retrieval via RS485



Interface-plug RS485

Fixing Device



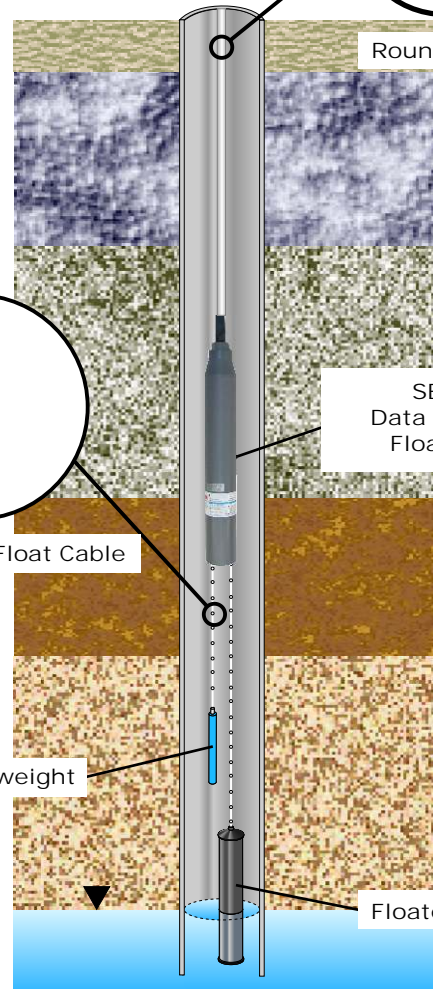
Roundcable

SEBA Data Logger Floater 3

Float Cable

Counterweight

Floater



The right is reserved to change or amend the foregoing technical specification without prior notice.



SEBA Hydrometrie GmbH

Gewerbestr. 61a • 87600 Kaufbeuren/GERMANY

Phone: +49 (0)8341 / 9648-0

Fax: +49 (0)8341 / 9648-48

Email: info@seba.de

Internet: www.seba.de

represented by: