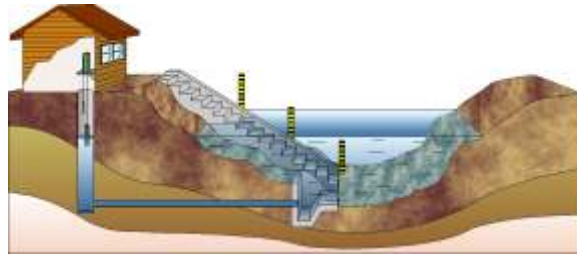




## Encoder SURFLOAT-SENSOR

 We are certified  
**ISO 9001**  
certificate no. 01110505  
*Quality Is Our Standard*



- robust, reliable and maintenance-free encoder with integrated display
- for adaption to all conventional measuring gauges or as stand-alone instrument for desk mounting
- with RS232-interface or on request with parallel output (BCD, Gray-code, Binary)
- internal battery supply as buffer in case of power failure



SURFLOAT-SENSOR  
with LCD-Display



SURFLOAT-SENSOR  
Stand-Alone-Device

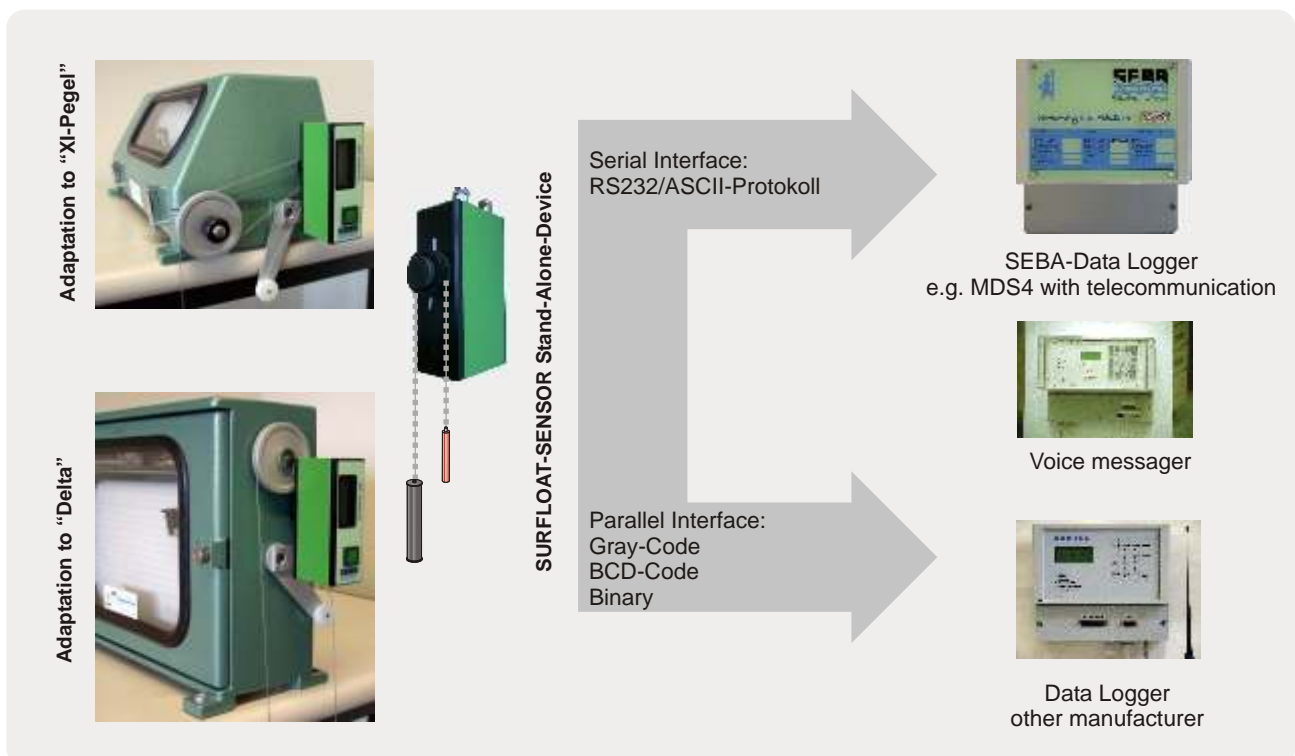
## Description

### SEBA Encoder SURFLOAT-SENSOR

The SEBA encoder type SURFLOAT-SENSOR is a robust, float-driven encoder for recording water-levels. As stand-alone instrument for desk-mounting, the SURFLOAT-SENSOR can be operated with float and counterweight, as well as with the proven beaded float cable (free of slip and slide effects). Besides this the SURFLOAT-SENSOR is excellently suitable for adaption to all conventional measuring gauges (i.e. SEBA Delta, Horizontal Gauge XI, foreign instrument, etc.)

In standard version the SURFLOAT-SENSOR is equipped with a LC-display. This makes operation very simple: by activation of the LC-display and simultaneous turning of the float-wheel, the desired measuring value can be adjusted by the observer. The instrument can be operated with external, as well as internal power supply. In case of external power supply, the built-in lithium cell serves as back-up and emergency supply.

- Dimension Surfload-Sensor:  
40 mm x 55 mm x 160 mm (l x w x h)
- Accuracy  $\pm 1$  cm
- External power supply: 5VDC....25VDC  
(with integrated Lithiumcell to buffering)
- Free of temperature influences, no drift
- Display range: -9999m...+9999m  
(decimal point position configurable)
- Current drain : approx. 0.5mA
- Display: 5-digits, 7 segments
- Serial Interface: RS232, protocol: ASCII or proprietary
- Parallel output (optional):  
Data output: for configurable connector  
Data format: standard/inverted BCD, 4 digits  
standard/inverted binary, 16 bit  
standard/inverted Gray, 16 bit
- Operating temperature: -20°C...+70°C



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



**SEBA Hydrometrie GmbH**  
 Gewerbestr. 61a • D-87600 Kaufbeuren  
 Tel.: (+49) 8341 / 9648-0  
 Fax: (+49) 8341 / 9648-48  
 E-Mail: info@seba.de  
 Internet: www.seba.de

represented by: