

DWLR-compact

Digital Water Level Recorder incl. Temperature measurement



Application areas/ device characteristics

- Automatic measurement of water level and temperature
- Applicable from 1"- ground water monitoring wells on
- Long battery life
- Compact design

Water level probe/ temperature sensor

Water level probe:

Relative pressure: 0-1 mWC; 0 – 10 mWC; 0 – 25 mWC; 0-60 mWC

Other measuring ranges: On request

Linearity: 0,1 % FS

Temperature sensor:

Measuring range: 0°C...+40°C

Resolution: 0,1°C

Data logger

Memory: 4 MB

Number of data sets: 256.000

Power supply: 1 pc. of Lithium battery, approximately 10 years' of operating at 1 measurement per hour

Assumed reading interval: every 4 weeks

Interface: RS 485

Configuration: Through operating software

Mechanical dimension/ material/ environmental conditions

Dimension: Diameter: probe incl. data logger: 22 mm
Length: approx. 240 mm

Material: Stainless steel 1.4301, sealing NBR, EPDM

Probe cable: Material PUR, diameter 6 mm
Probe cable incl. air compensation capillary

Read-out connector: Installable at 2"-wells incl. suspension arrangement

Protection degree: Read-out connector: IP 65

Optional accessories/ extension modules

Interface converter: RS 485 to USB

Adaptor washer Washer for installation of DWLR-compact at wells from 3" on

Modifications contributing to technical progress are subject to change without notice!



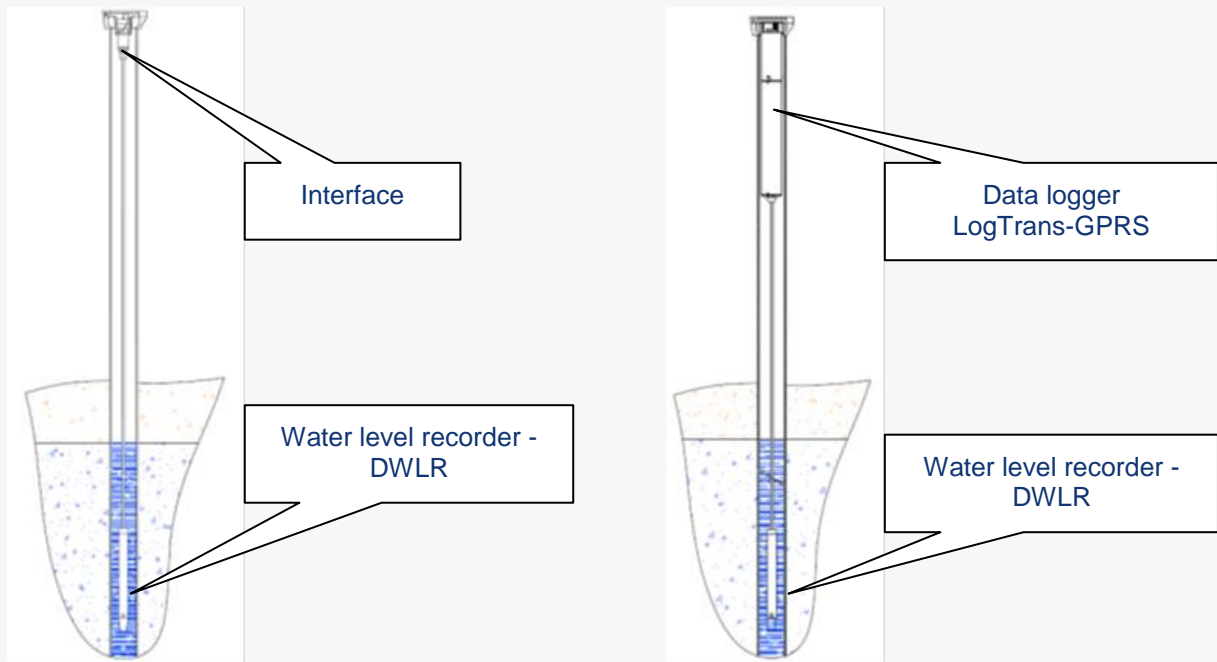
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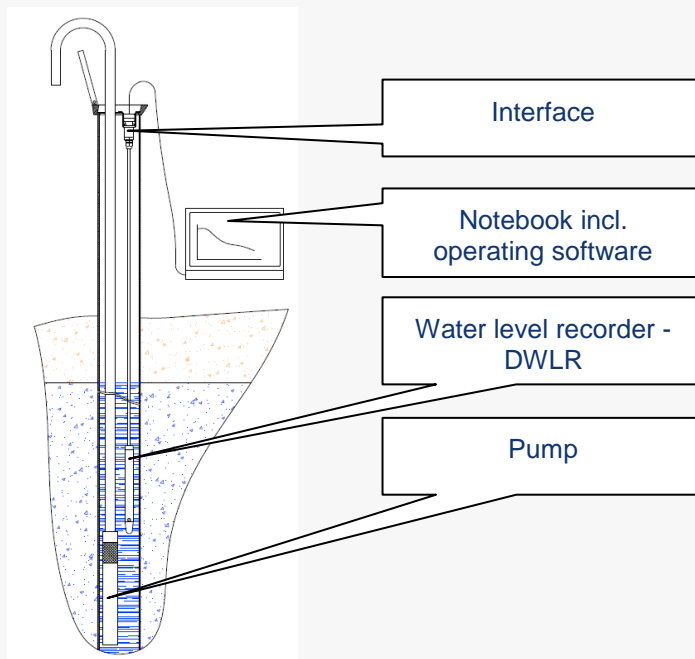
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Example of use



Variant 1:
Stand-alone data logger operation

Variant 2:
Data logger operation incl. GPRS telemetry



Variant 3:
On-line display and recording of measurement values while pumping tests