

WR-GPRS-compact

Water level recorder with GPRS-data transmission unit



Application areas/ device characteristics

- Automatic measurement of water level
- Applicable from 2"- ground water monitoring wells on
- Automatic data transfer via GPRS
- Alarm functionality

Technical data – water level sensor

Range:	Other ranges on request
Relative pressure:	0 – 10 m; 0 – 50 m water level
Absolute pressure:	800-2100 mbar; 800-6100 mbar
Diameter:	22 mm
Material:	Stainless steel 1.4571; POM, NBR; EPDM
Linearity:	Typ. 0,1 % FS
Option: Temperature	Range – 20°C...+50 °C
Sensor cable:	With reference capillary, cable material PUR

Technical data – data logger LogTrans 6 – GPRS-compact

Dimensions:	Diameter 45 mm, length 395 mm
Protection degree:	Variant 1 – with air pressure membrane: IP 65 Variant 2 – without air pressure membrane : IP 68
Temperature:	-25°C ... 50°C
Analogues inputs:	3 analogue inputs, resolution: 16 Bit
Storage:	1 GB
Power supply:	4 lithium batteries type Energizer L91/1,5V
Power consumption:	Standby: 0,1 mA; measurement: 24 mA; wireless data transmission: 200 mA
Wireless data transfer:	4 band GSM/ GPRS Modem, 900 MHz, 1800 MHz, GSM: 800, 850, 1900 MHz
Standard antenna:	1 dB
Option: External antenna:	Optional connection of external antenna; protection degree will remain the same
Interface:	USB for parameterization for system or read out of data
Parameterization:	By use of software SENSOlog

GPRS/GSM-data transmission – receiver stations

Receiver stations:	WEB-server with software SENSOweb or FTP-Server or PC with modem and software SENSOgsm
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Modifications contributing to technical progress are subject to change without notice!



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