FLOW



NivuLog SunFlow solar-powered Measurement Station





Typical applications: flow measurement in stormwater tanks, channel networks, irrigation channels, pit water purification plants, stream water etc.

NivuLog SunFlow

The NivuLog SunFlow is a self-sufficient, solar-powered flow measurement station independent from mains power with integrated GPRS data transmission. The discontinuous flow measurement is suited for slight to heavy polluted media in open channels, flumes as well as in part filled and full pipes.

The NivuLog SunFlow is designed for flow measurement, storage and transmission of data in locations without mains power supply. The very robust aluminium cast enclosure with IP68 protection is covered with armoured glass and contains all necessary components such as data logger, modem, charging control and rechargeable batteries. Thanks to the compact construction it is perfectly suited for use in free and rough terrain. A Doppler flow velocity sensor with integrated level measurement is connected directly to the system. Moreover there are 4 multifunctional inputs (analog/digital) available. These inputs allow to connect e.g. external level measurements or float switches for measurement release. Readings are saved in free adjustable cycles and are transmitted to the data recording system "Device to Web" via GPRS. The measurement place parameters can be set via D2W as well. This allows a quick start-up. The NivuLog SunFlow represents an interesting and cost-efficient alternative to the conventional control cabinet with solar panel.

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Non-Portable

NivuLog SunFlow

Solar-powered measurement station

Specifications





