



Stand alone PreLOG precipitation station

Stand alone, solar powered precipitation measuring station with the new data logger PreLOG. Data is sent via GPRS by the integrated modem.

The perfect station for: meteorological and hydrological application, agriculture, irrigations plants, forestry, landfill sites, flood warning,

Features



- Automatic linearisation of the precipitation in dependence of the intensity



- USB-connector to round plug connector for easy configuration and data readout



- Automatic GPRS data transmission at configurable times, amount or intensity threshold



- Powered by 10 W solar panel and 12 V battery
- Emergency power supply for datalogger and precipitation sensor



- Station made of seawater-resistant and non-corroding materials



- ALARM option

Event-based alarming at:

- start of precipitation
- end of precipitation
- exceeding of a maximum precipitation since the last data request respectively the last message
- exceeding of a maximum precipitation as a gliding sum in a defined time period (with hysteresis)
- exceeding of a defined maximum precipitation (with hysteresis)



PreLOG – solar powered GPRS precipitation station



Technical data



- Storage of 65535 measuring values
- Real-time clock (typ. ± 3 ppm at -15 °C ... $+60$ °C max ± 5 ppm)



- Storage of pulse/value with time-stamp
- Storage of mean values (configurable)



- Resolution 0.1 mm (standard)
- Event controlled storage (no storage of zero-values)



- Easy installation thanks to M8 and M12 round plug connector



- USB-connector for easy configuration



- RS232-interface for modem connection
- Automatic or event controlled data transmission via GPRS



- Modem will be switched on and off by the PreLOG



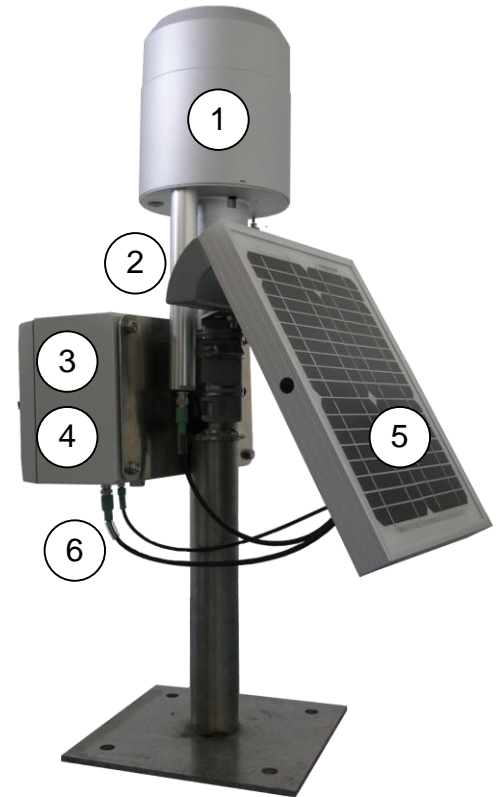
- Powered by 10 W solar panel and 12 V battery



- Emergency power supply for datalogger and precipitation sensor



- Station made of seawater-resistant and non-corroding materials



Parts of precipitation station

- precipitation sensor 15189
- PreLOG low power datalogger
- GPRS modem
- charge controller and 12V battery
- 10 W solar panel
- plug and go cable set

Stand alone solar GPRS precipitation station

Ident-No. 30.15190.100001

wall of binary code© Ktsdesign – fotolia.com