



## 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.  $\pm 3$  ppm at  $-15$  °C ...  $+60$  °C max  $\pm 5$  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



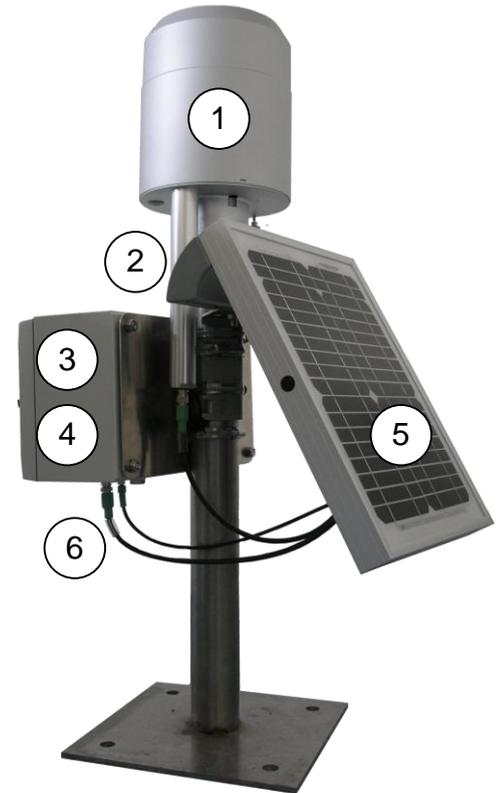
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### Parts of precipitation station

- 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

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