

Precipitation Sensor economy



Description

Simple tipping bucket precipitation sensor.

Captured by the collector cone, rain drops into one chamber of the tipping bucket. The bucket tips when it has collected an amount of water equal to 0.2 mm of precipitation. As the bucket tips, it causes a switch closure and brings the second tipping bucket chamber into position. Water drains out through the screened drains in the base of the sensor.

Catchment area and resolution meet the recommendations of the WMO (World Meteorological Organization).

A built-in electrical heating allows the sensor to measure the moisture content of snowfall and protects the internal components from freezing rain.

Technical Data

Sensor

Power Supply

Type Not required

Heating

supplied with the sensor.

Casing

Electrical Connection

Wiring

Environmental Conditions

Compliance

Caption area and resolution of the sensor meet the recommendations of WMO (World Meteorological Organization).



Hirschgraben 24

D-22089 Hamburg • Germany

phone: +49(0)40-75 66 08 98 fax: +49(0)40-75 66 08 99

eMail: info@wilmers.com www.wilmers.com

Technical data may be subject to change without notice.

2003-08-01