



### General

The WE740 tipping bucket measure the rain rate: a data that correlated to the groundwater level, represents an important factor in the idrogeological field study.

The WE740 rain gauge is produced in two models: the first is in plastic material and the second in aluminum, which assure a long functionality in every atmospheric condition.

The measuring system consists of a standard measurement weight magnet that takes measurements in 0.25mm for every tip of the bucket, producing an electrical pulse that can be read by any data acquisition system produced by SIM:

- A. MINILOG data acquisition system
- B. NATUN data acquisition system

SIM also provide, upon request, a 4-20 mA converter that allows the tipping bucket connection to any PLC or data logger or with the data acquisition systems NATUN or MINILOG.

### Applications

Rain measurement.

**Simple to operate and install**

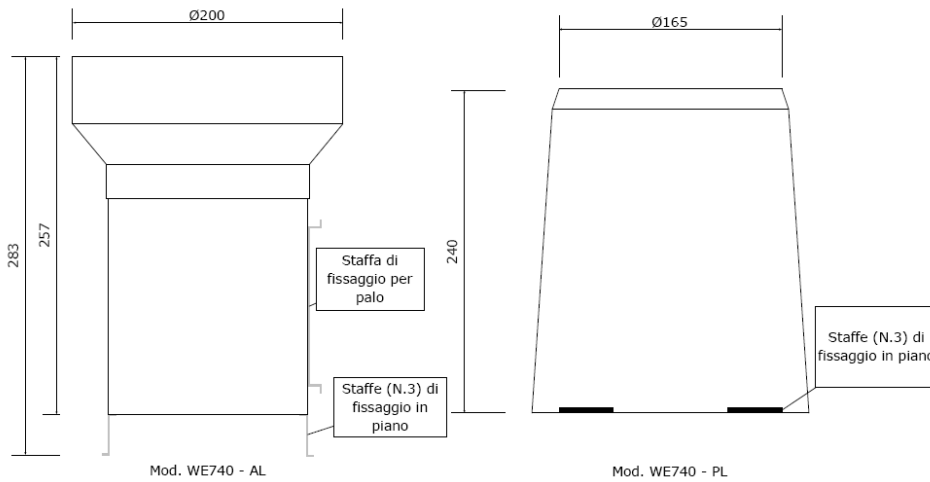
**UV protected  
plastic or aluminum**

**4-20 mA Output (optional)**

**Rugged design  
for harsh weather**



**SIM**  
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## Technical features

Model	WE740 - AL	WE740 - PL
Resolution	0.25 mm	0.25 mm
Precision	±1%	3%
Range	0 ÷ +51 °C	0 ÷ +51 °C
Average switch closure time	135 ms	135 ms
Weight	1.150 Kg	0.900 Kg

## Accessories & spare parts

WE740 - AX - MW01	Puncheon
WE740 - AX - TRRS	Heating resistor
WE740 - AX - BEMA	4-20 mA converter

WE740\_EN ED01/07



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