

FEATURES

- Compact size for easy use
- Good stability
- Mesh in the funnel preventing debris such as leaves and insects from entering the working of rain sensor
- Well made tipping bucket with low resistance
- The main body made of high strength ABS
- Outlet with insect-proof screen



SPECIFICATIONS


Item	Specification
Collector	112*80mm
Measured rainfall intensity	Max: 4mm/min
Resolution	0.2mm or 0.3mm
Accuracy(2mm/min)	±4%
Maximum load voltage	30VDC(pulse output)
Maximum load current	20mA
Output	Pulses(reed switch)
Connector	RJ11 or direct line
Operating temperature	0-60°C@0%-100%RH
Main material	ABS

WORKING PROCESS

Rainfall is captured in the collector funnel and is directed through a delivery pipe to fill a divided ABS injection molded tipping bucket device. The bucket is pivoted through its center and has a preset calibration to tip for 0.2 or 0.3mm of rainfall. When the bucket is "full", it pivots and empties - this action magnetically closes and opens a reed switch, sending a pulse signal to the data logger or electronic counter. Through this tipping "seesaw" action, the other side of the bucket is aligned to receive the flow from the delivery pipe. This recording and tipping cycle continues with rainfall.

DIMENSION & DETAILS SHOW



 Complies with applicable CE directives.

Specifications subject to change without notice. Version 3.0

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