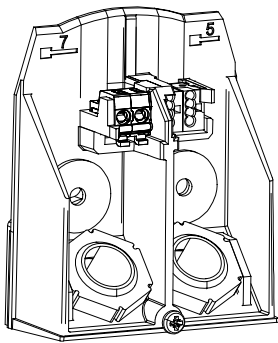![esave logo]

esave Meteodata100
Weather station

Description

The esave Meteodata100 measures temperature, brightness and wind speed. On top of that, the Meteodata100 ships with a rain sensor. The esave Meteodata100 is all you need to record and visualize weather data. Thanks to the integrated SLC-Core, it is straightforward to configure and operate.

Wall mounting

1. Secure the wall bracket to the wall
2. Feed the cables through the rubber seals
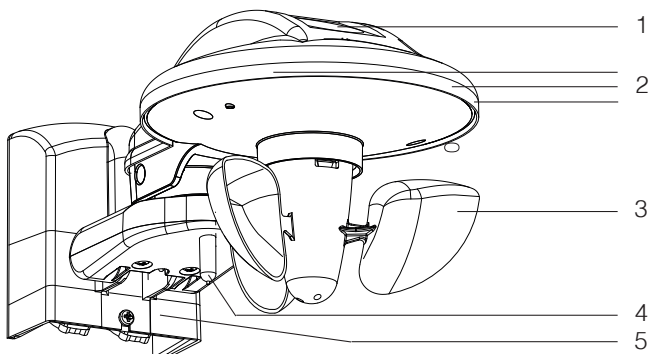3. Push down the weather station until it clicks

Features

- Live data of wind speed, temperature, ambient brightness and rain detection
- Detailed visual statistics if monitored through SL-Control webplatform
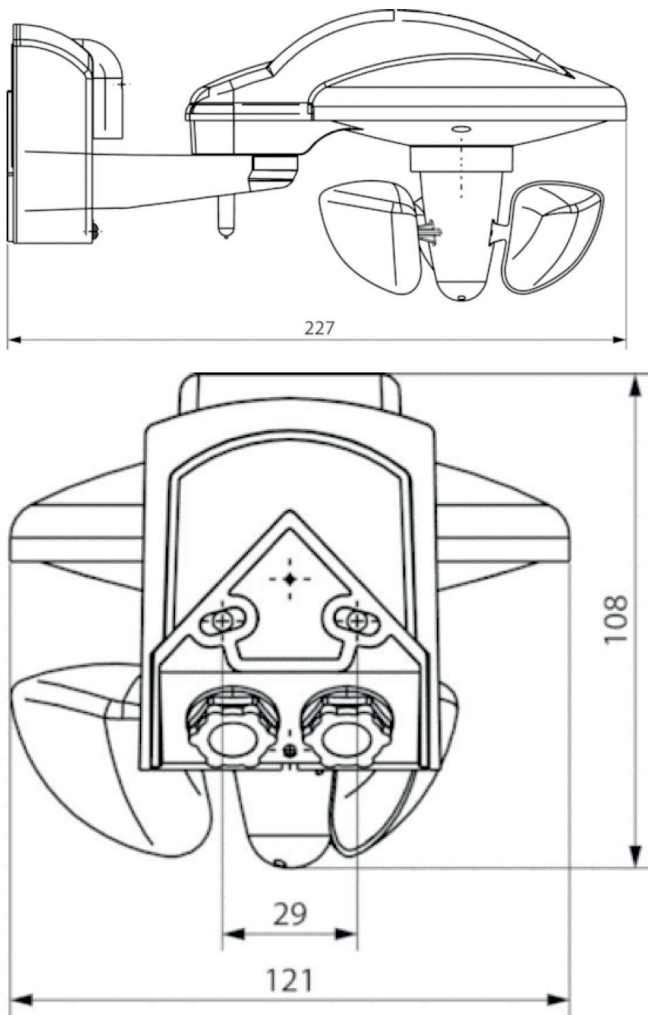- Wall and pole mounting
- Minimal configuration needed

Corner or Pole mounting

- For mast or corner installation of max. 2 weather stations Meteodata100
- To use with wall mounting kit
- Diameter 48 - 60 mm

1. Rain sensor with heating
2. Three Brightness sensors (left, right, front)
3. Wind turbine
4. Temperature sensor
5. Wall brackets

Scale drawings

Maximum ratings

Parameter	Sym	Min	Max	Unit
Supply Voltage	V_{in}	94	253	V AC
Operating Temp.	T_A	-20	+55	°C

Operating characteristics

Parameter	Sym	Min	Typ	Max	Unit
Supply Voltage	V_{in}	110		230	V AC
Frequency	f	50		60	Hz
Power consumption	P		0.7	5.5	W

Additional characteristics

Protection class	Class II - with proper installation
Protection type	IP 44 to EN 60529
Cable	Max. cable-cross section: 1.5mm²; NYM 2 x 1.5mm²
Wind sensor	2 - 30 m/s
Brightness sensor	1 - 100000 Lux
Temperature sensor	-30 to +60 °C

Wireless characteristics

Parameter	Sym	Min	Typ	Max	Unit
RF frequency range (center frequency)	f_w	2.420		2.480	GHz
RF nominal output power			4.5	8	dBm
Receiver sensitivity			-97	-92	dBm