closer to the climate

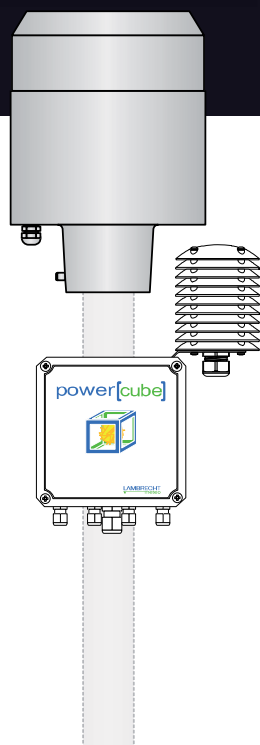# Weather station COMPACT

LAMBRECHT meteo

These high-quality sensors combined with high-performance communication technology guarantee in addition to reliable and precise measurement data unrestricted availability of the measured environmental parameters.

✓ visualisation of your data via integrated met[APP] in your web browser

✓ no additional software needed

✓ robust, high-quality materials assure longevity and precision on highest level

✓ simple and quick installation via plug & play

met[APP]

Precipitation sensor 15189
Weather proven all-metal housing · precise tipping bucket bearing · reliable long-term operation

Temperature/humidity/pressure sensor 8095
Proven environmental measure-ment technology · sensor shelter, optional artificial ventilation

met[APP] · Our browser app which is integrated in the met[LOG] · for easy visualisation of the current weather data in your network.
Platform-independent on your PC, tablet or smartphone.

• Displays the instantaneous values of your LAMBRECHT meteo weather station

• Exports the measured values stored by the met[LOG]
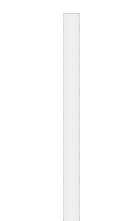
• Configures the met[LOG]

power[cube]

Data logger met[LOG]
Plug & play · visualisation in web browser · alarm generation with hysteresis or window function; alarm output via 4 digital outputs, 8 logically connectable warning channels
power[cube]: all-weather-resistant power pack · rounds off the station regarding power supply and com-munication.
MeteoWare-CS (option)
Professional software for data visualisation, storage and export

Mast for precipitation sensor
tube diameter: 60 mm
length: 1200 mm

closer to the climate

Weather station COMPACT

PRECIPITATION AMOUNT · COMBINED HUMIDITY TEMPERATURE · AIR PRESSURE

Your advantages

- LAMBRECHT meteo environmental measurement stations are completely preconfigured.
- Easy installation, and the wiring needs minimal effort.
- Sensors are extraordinary precise, robust and durable.
- Data storage lasts for a whole year.
- Minimal maintenance costs due to best product quality
- Continuous data transfer via Ethernet protects against data lost.
- Evaluation software and cable are included in scope of delivery.

Technical data

Operating temp. range:	-20...+70 °C
Supply:	90...264 VAC
Power rating:	156 W
Output power supply:	24 VDC

Weather station COMPACT (Id-No. 30.00851.500 000)

consisting of:

Precipitation sensor ECO, 2 cm³ (15189)

Meas. range: 0...8 mm/min • Resolution: 0.1 mm
Accuracy: ± 2 % with intensity correction

Temp./humidity/air pressure sensor THP (8095)

Temperature — Meas. range: -40...+70 °C
Accuracy: ± 0.3 °C at (v > 2 m/s) •
± 0.4 °C (10...40 °C) • ± 0.8 °C (-10...70 °C)

Relative humidity — Meas. range: 0...100 % r. h.
Accuracy: ± 3 % (10...90 %) r. h. • ± 4 % (0...100 %) r. h.

Barometric pressure — Meas. range: 500...1100 hPa
Accuracy: ± 2 hPa (-30...+70 °C) • ± 1 hPa (-10...+60 °C)

Sensor shelter (8141.6)

11 lamellas, natural ventilation of the sensors

Data logger met[LOG]

Ethernet: 10/100 BaseT • connector RJ45 shielded
Interface: 3 x RS 485 (1 x freely configurable)
Input: 4 analogue/ digital inputs (2 x freely configurable)

Power supply power[cube]

Power: 150 W
Output: 24 VDC

Mast · tube diameter: 60 mm · length: 1200 mm · with mounting material

Applications:

- industry
- wastewater treatment plant, water management
- building automation
- agriculture ...
- highly accurate meteorology optional with weighing precipitation sensor rain[e]

For applications demanding higher precision we recommend our weighing precipitation sensor

rain[e]

The unique self-emptying collecting system of the rain[e] allows single drop measurement at the high resolution of 0.001 mm/m².

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