

closer to the climate

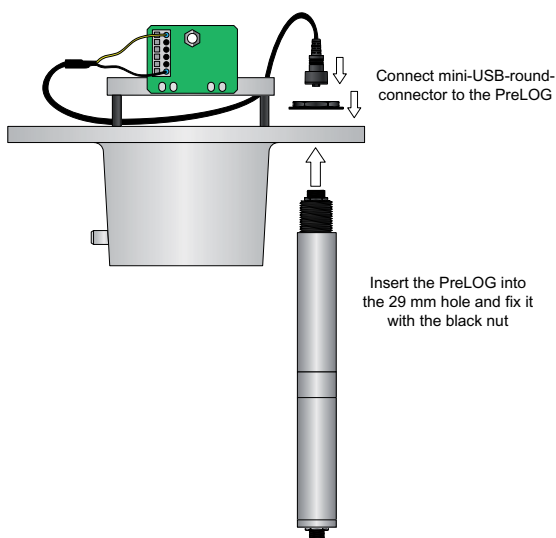
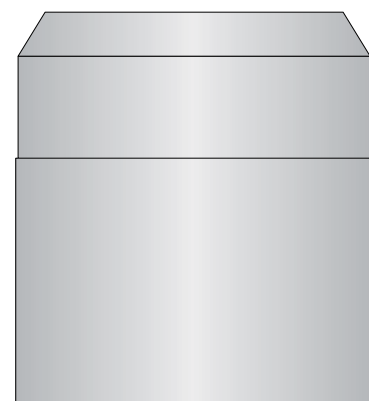


Eco[D] 

LAMBRECHT  
meteo

The stand-alone solution  
for your precipitation measurement  
Easy and fast installation!

- ✓ up to 5 years of operation without recharging of the battery
- ✓ integrated intensity correction for precipitation sensor ECO
- ✓ robust, high-quality materials · longevity and precision on highest level



Eco[D] · Id-No. 00.15189.002 400

consisting of:

**Precipitation sensor ECO**

Meas. principle: tipping bucket

Meas. range: 0...8 mm/min

Resolution: 0.1 mm

Accuracy:  $\pm 2\%$

Collecting funnel: 200 cm<sup>3</sup>

Housing: aluminium · anodised

Dimensions: H 292 mm (incl. logger H 474 mm) ·  
Ø 190 mm · for mounting pipe Ø 60 mm

Weight: : approx. 3.3 kg (incl. logger)

Standards:

WMO-No. 8 · VDI 3786 page 7 · EN 50081/82 · VDE 0100



**Data logger PreLOG**

Input: 1 Pulse Input, integrated signal debouncing

Output: 1 Pulse Output (OC)

Power supply modem: switchable via PreLOG 12 V DC (9...26 V DC)

USB Interface: USB for configuration, data retrieval and battery recharging

Interface: RS232 for data retrieval and connection to a modem

Rechargeable battery: 3.6 V Li-Ion, exchangeable

Ext. power supply: 12 V DC (9...26 V DC)

Charging the battery: only via USB-interface (5 V DC, 500 mA)

Max. current consump.: at 12 V DC ext. power supply, 2...10.5 mA; typ. approx. 2.5 mA

Battery life: up to 5 years (without recharging, at +20 °C)

Operating temperature: -20... +60 °C (battery)

Protection class: IP65 (casing), IP67 (connected connector)

Casing: seawater resistant aluminium

**Mast (optional):**

Pipe diameter: 60 mm · length: 1200 mm · with mounting material

