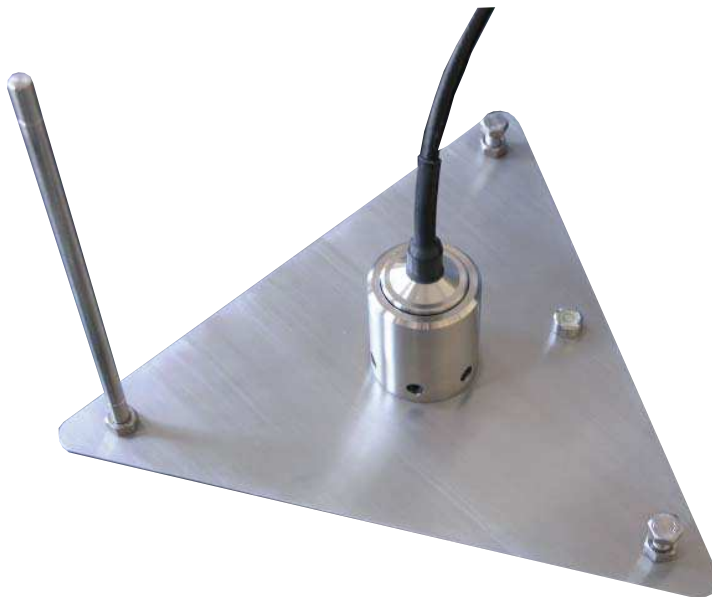




DETERMINATION OF EVAPORATION

with water-level-sensor and pan „Class A“



A noble performance from LAMBRECHT again...

for precision measurement of water levels to determine the evaporation rate.

The sensitive pressure difference sensor element is built in the extreme robust stainless steel housing (IP 68).

The high-quality sensor is simply mounted on a delta base plate. This plate is designed for use in evaporation pans "Class A". The levelling of the plate can be carried out simply by levelling screws.

- ▶ flexible cable with pressure-compensation capillary
- ▶ simply handling
- ▶ water levels effective up to 180 mm
- ▶ 0...5 V output for data transfer to data logger
- ▶ meets the WMO specifications for classical, hydrological applications



classical hydrology • classical meteorology • soil science • dams, reservoirs • waste management • science and research



Standard Line

(15235) Water-Level-Sensor

Id-No. 00.15235.100 001

Measuring principle:	pressure difference transducer
Measurand:	water level difference
Measuring range:	200 mm total · 180 mm between the MIN- and MAX- marks at the level stick
Accuracy/ Resolution:	0.4 mm (10...50 °C) · 0.05 mm
Range of application:	Temperatures 0...+80°C
Current consumption:	4 mA
Supply voltage:	8...28 V _{DC}
Output:	0...5 V = 0...200 mm
Weight/ Dimension:	approx. 3.1 kg · with delta base plate · leg lenght approx. 310 mm
Standards:	Stability EN 500 82-1 · Emitted interferences EN 500 81-2

Options:

00.15230.200 000

(15230.2) Evaporation pan "Class A"

made of aluminium · Ø 1.200 mm x 250 mm · weight approx. 16 kg

00.95666.x00 000

(95666) Data logger TROPOS