DETERMINATION OF EVAPORATION

with water-level-sensor and pan "Class A"





ANALOG OUTPUT

V4A METAL MATERIAL

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 • 0.1 mm	
Range of application:		Temperatures 0...+60°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**	