

INSTALLATION AND COMMISSIONING INSTRUCTION

Wind Sensor Typ III

Wind Sensor Typ III



Part.-No.: 482021

Application: Anemometer with 3 impact resistant wind cups (PA6) for wind speed detection.

Equipment: Clamping ring for mounting on a bracket or site-supplied tube with outer diameter $\varnothing 36$ mm.

Operating voltage: 24 V DC (+/- 20%)

Measuring principle: Pulse generator, ball beared

Housing: Aluminium $\varnothing 36$ mm, untreated

Wind cups: PA6, black

Dimensions: 250 x 250 x 80 mm

Connection cable: Non-halogen cable, 2 x 0,5 mm², approx. 4 m

COMPONENTS

② Wind cups (3 piece)	490601
③ Clamping ring	515950

For connection with:

- Control Unit EMB 7300
- Weather-Module WM of the Control Unit EMB 8000
- Wind- and Rain Controls WRAG2 and Typ IV

- **Wind Sensor Typ III** is used to measure wind speed.
- Maintenance-free ball bearing by lifetime lubrication.
- Wind cups (3 piece) made of weather-resistant polyamide (PA 66).
- Clamping ring for mounting on a bracket or site-supplied tube with outer diameter $\varnothing 36$ mm.

Scope of delivery:

- ① Wind Sensor Typ III
- ② Wind cups (3 piece) - pluggable version
- ③ Clamping ring - with screws



Warranty claims require proper and professional assembly, installation and maintenance in accordance with national regulations and manufacturer's instructions of the SHEV control unit.

The safety instructions in the supplied product documentation are to be observed.



Strictly observe the information given in this and in the instructions for installation of the SHEV control unit, when mounting the **Wind Sensor Typ III**.

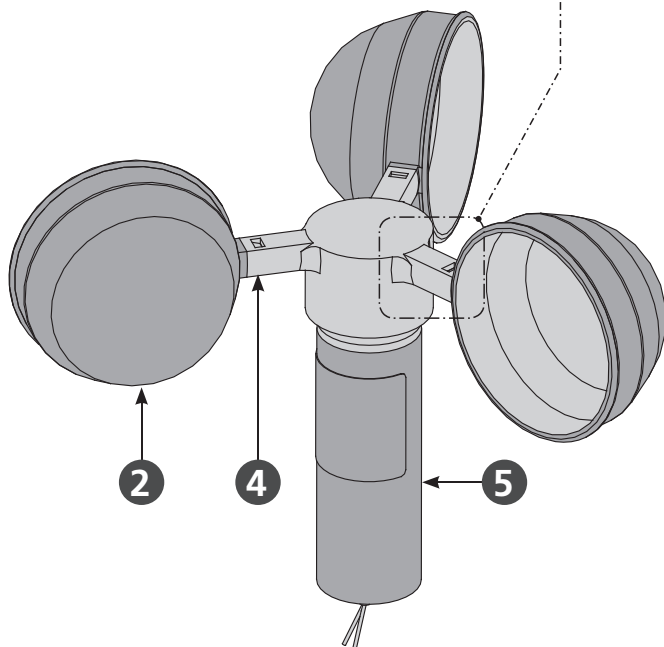
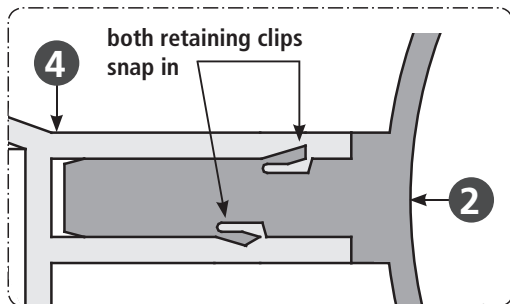
Details can be found on our website
www.aumueller-gmbh.de

Keep this instruction over the lifetime of the product.

INSTALLATION STEP 1:

MOUNT WIND CUPS TO THE WIND SENSOR

- Insert the Wind cups **2** into the holder of the revolving head **4** - until both retaining clips of the Wind cups **2** cups in.
To avoid damage to the bearing, hold the revolving head **4** (not the housing tube **5**).

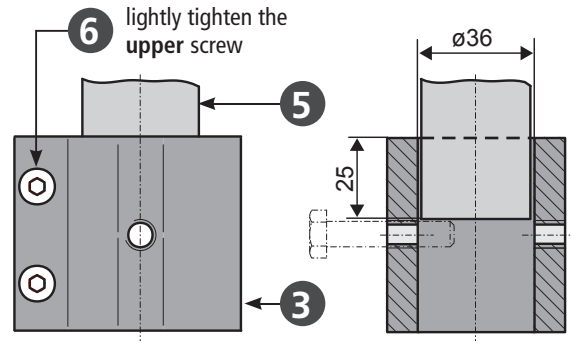


The sensors have to be mounted on the weather side of building. Surrounding part of buildings and electrical products should not affect their function. Adjust the wind speed setting for the specific situation of the building. The lowest wind speed is pre-set.

INSTALLATION STEP 2:

MOUNT WIND SENSOR TO THE CLAMPING RING

- Plug the housing tube **5** - of the Wind Sensor **1** - 25 mm deep in the clamping ring **3**.
- Lightly tighten the **upper** screw **6**.

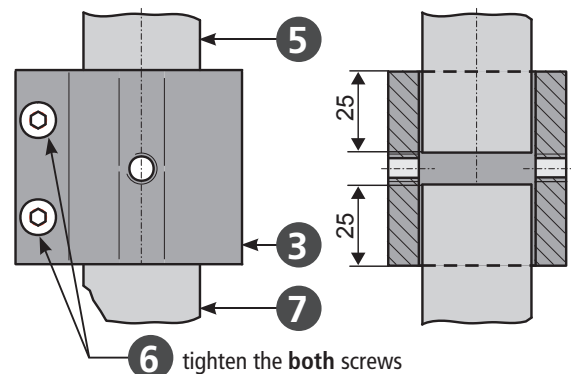


NOTE

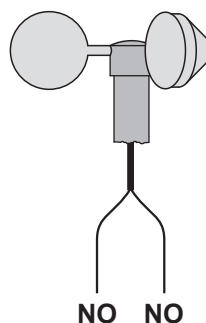
As a stop can be used a screw M8.

For mounting the Rain Sensor, the screw can be removed later.

- Plug the clamping ring **3** - with the mounted wind sensor **1** - 25 mm on the bracket / site-supplied tube **4**.
- Tighten **both** screws **6**.



Electric connection



After installation be sure to perform a functional test.

To ensure reliable operation in the long term, it is necessary to clean and maintain the device at regular intervals - by an authorized specialist company.

Ground all metal parts electrically.

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