



Hinge arm mounting, large for weather stations

Technical specifications and installation instructions

Item numbers 30109 (white), 30111 (aluminium blank)



1. Description

This **Hinge arm mounting large** is suitable for the wall, pole or beam-mounting of weather stations. The following weather devices can be affixed to the arm mounting using the screws provided:

- Weather stations Suntracer KNX (basic), Suntracer KNX-GPS and KNX weather sensors (using M4 screws)
- Weather station P03i-GPS (using M4 screws)
- Weather station of control system Solexa II, Solexa, Arexa (using M4 screws)
- Weather stations P03-RS495 (using M4 screws)
- Weather station P03-Modbus (using M4 screws)
- P02 weather devices and RM1 rain detector (using M3 screws)

Two versions of the arm mounting are available:

- Powder-coated, RAL 9016 (Traffic White)
- Aluminium blank (e.g. for painting in customer colours)

Dimensions: Overall length approx. 420 mm, adjustable hinge

Weight: approx. 385 g (with coating)

1.1. Deliverables

- 1 x angle for wall or pole mounting
- 1 x flat component, 32 cm (beam mounting)
- 1 x front hinge angle
- 6 x M6 x 16 mm stainless-steel screws
- 6 x Nut M6
- 6 x Washer 6,4
- 6 x 6 mm stainless steel spring rings
- 2 x M3 x 5 mm stainless-steel screws
- 2 x M4 x 5 mm stainless-steel screws

1.2. Beispiele für den Einsatz des Gelenk-Auslegers



The hinge arm mounting extends the weather station from under the roof eaves. Sun, wind and precipitation can thus freely act upon the sensors.



Fig. 2
Pole mounting using a worm-thread bracket

2. Installation overview

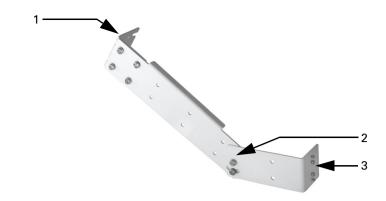


Fig. 3

- 1 The wall or pole assembly angle can be screwed to the mounting as required (using the M6 screws with spring rings).
- 2 Hinge with adjustment screws (M6)
- 3 Weather device mounting surface

2.1. Installation options

2.1.1. Wall or pole installation with angle

The angle can be screwed together in different positions as required.



2.1.2. Beam installation without angle



3. Drawings with dimensions

Dimensions in mm, may vary due to technical requirements

