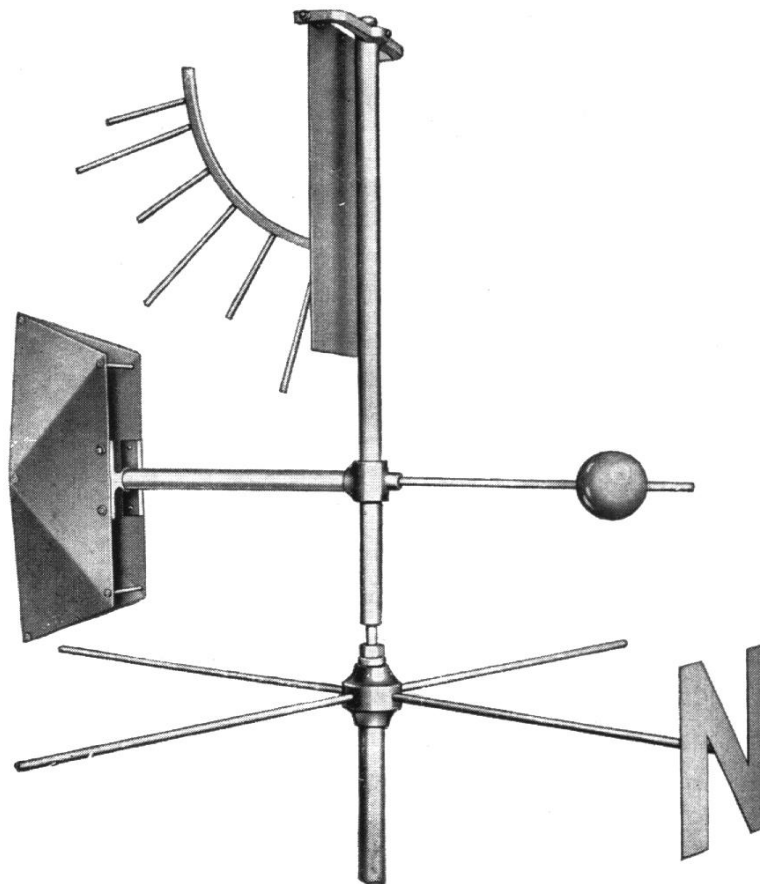


**211,0E**

**WIND VANE**  
**with Force Indicator**  
**Wild Type**

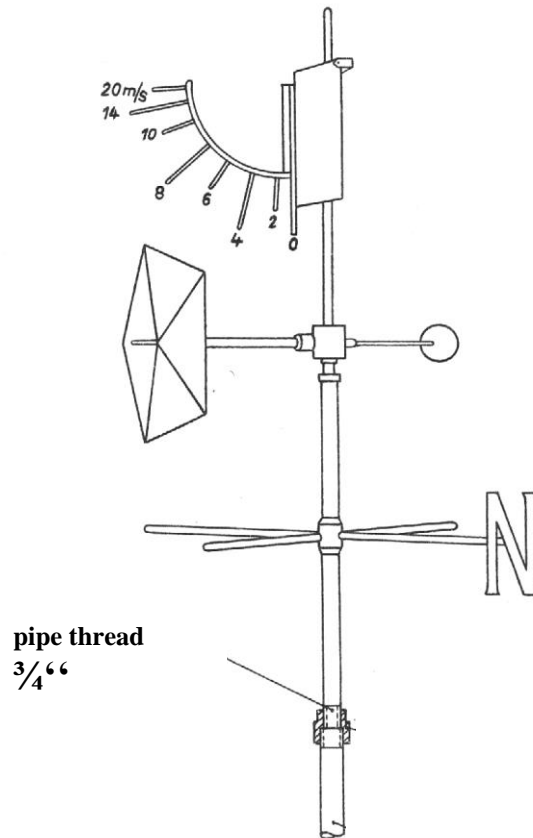
**No. 98**



The Wind Vane No. 98 with Force Indicator Wild Type (Standard model of the German Meteorological Service) is of solid construction. A total height of 1.60 m facilitates accurate reading also from a considerable distance.

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**R. FUESS**

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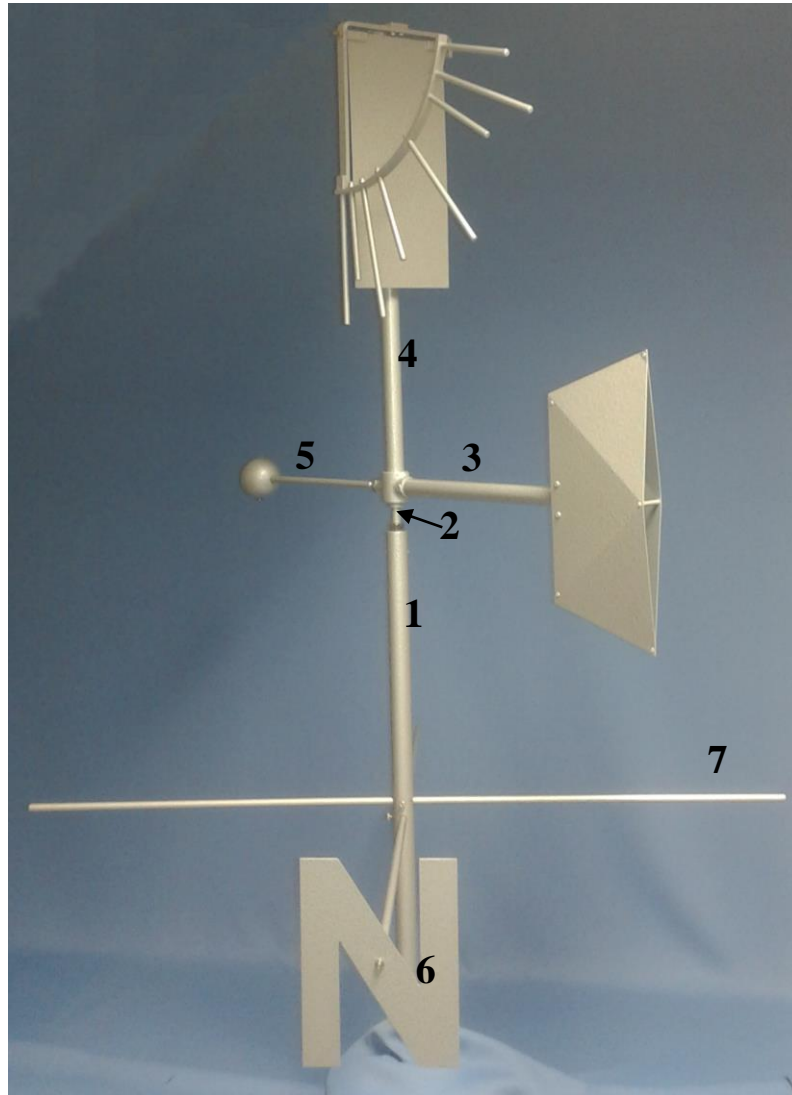
The N-mark fixed to the direction cross has to be adjusted exactly to the north. The force of the wind is determined by means of the force indicator, which is being lifted according to the wind velocity and led along the protractor bearing the marks. All one has to do is to observe which mark is reached by the force indicator. The following relations exist between the protractor marks, the wind velocity in m/s and the Beaufort Scale:

Protractor mark	1	2	3	4	5	6	7	8
Wind velocity in m/s	0	2	4	6	8	11	14	20
Wind force (Beaufort)	0	2	3	4	5	6	7	9

Weight: 5,6 kg

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**Assembling:**

- A:** Screw the 3/4" thread of the grabpole (1) in the prepared bracket of the mast resp. roof and adjust the lot
- B:** Screw the M12 tread of the inner rod (2) on the grabpole (1) and lock the female screw by using a 19mm - jaw spanner
- C:** Put the wind vane (3) above the rod (4). Adjust the hole of part (3) above the hole of the rod (4) in that way, that they lie one on top of the other and insert the rod with the sphere (5) until the rod (4) jamming the rod (5). Lock the female screw M10 by using a 17mm - jaw spanner
- D:** Put the assembled rod with wind vane (3 + 4 + 5) above the inner rod (2). Be careful when insert the inner rod in the preinstalled inner ball bearing of the rod (4)
- E:** Insert the "Nord" bar (6) and the second bar (7) in the grabpole (1) and adjust the North direction and fix the two M5 screws by using a 10mm . jaw spanner
- F:** If necessary equilibrate the wind vane by swifiting the sphere on the rod (5)

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