



CALIBRATION CERTIFICATE

STANDARD WIND VANE CALIBRATION

Date: jan 2012

Wind vane type: **DIR21+**
Nominal range: **0-360** degrees

Direction (degrees)= $360 * R1/R2$

R1 = value of potentiometer between wiper and ground (kOhm)

R2 = total value of potentiometer (typ 20 kOhm)

Wind Direction value degr	R1/R2 typ
0.00	0.00 *)
3.00	0.00 *)
90.00	0.25
180.00	0.50
270.00	0.75
357.00	1.00
360.00	0.00 *)

*) dead band +/- appr 3 degrees

The linear calibration curve is exactly programmed in iBOX and EKO21N, including dead band compensation

Calibration accuracy: typ +/- 3 degrees

Authorization by EKOPOWER:

Refer also to datasheet

M Teuwens (Calibration Officer)

www.ekopower.nl