ANHD ++

ANEMOMETER



The need and obligation to check the wind speed in order to ensure the stability of tower cranes subject to the effect of wind requires the use of an anemometer.
An ANHD++ on the top of the crane with display in the cab allows operator to check that the hoisting operations are compatible with the actual speed of the wind. Two preset wind speed thresholds with audible and light alarm device warns operator and site when the speed of the wind reach risky levels.

The ANHD+ designed by AGS measures the wind speed and signals to the crane operator and to all personnel the critical threshold by means of visual and audible signals.

The ANHD++ meets the request of the Tower crane safety standard, EN 14439 § 5.4.2.10
The ANHD++, specifically developed to meet the requirements and constraints of worksites, is composed of the following items:

Main unit (cabin)

// Power supply : 48-115-230-400VAC 50/60Hz.
// 3.5" TFT colour graphic display sunlight readable.
// Waterproof IP55.
// Magnet fixing.
// Calibrated measurement of wind up to 199 km/h.
// Adjustable wind speed thresholds relay output.
// Startup auto-test.
// Signalling kit test button.

Waterproof signalling kit :

// 1W orange flash light for first threshold
// 1W red flash light for second threshold
// 115dB siren for second threshold

Wind sensor :

// 3 types of Output: Analog, Digital and RS485.
// 60 m cable length
// brackets suitable for all types of cranes

Outdoor Large Size Display :

// 2 digits and half Numerical display, 15cm height (from 0 to 199km/h)
// 1 input connected to an analog or a digital probe.
// 1 output connected to signalling kit (1 Alarm + 2 colors flash)
// High power LEDs (9300mCd) , 30° angle.
// Power supply : 230-400VAC 50/60Hz 30VA



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