

Warning devices for your Wind Monitoring

Wind Monitoring



With 40 years of experience in safety automation, motrona offers professional support in the monitoring of wind speed. For example, in the areas of crane construction, cable cars, wind turbines and building technology, this is a fundamental requirement for the safety.

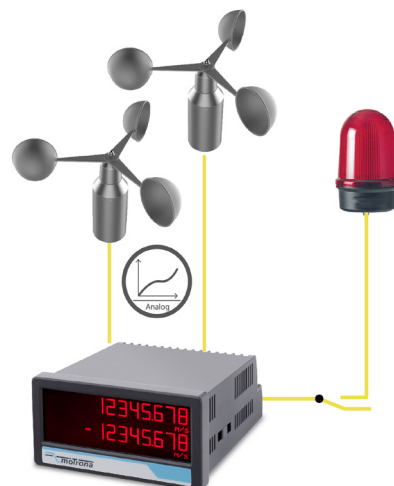
The spectrum ranges from the cost-effective version with just one wind monitor to the redundant version with two wind monitors. Depending on the requirements, the safety speed monitors and the wind warning devices can work with analog or digital anemometers.

For the highest safety requirements, monitoring up to a safety level of SIL3 / PLe is possible.

Our wind warning devices AX350 (analog input), DX350 (incremental input) and DS250 (incremental input, SIL3 / PLe) are available for various applications.

With the AX350 or the DX350 a simple monitoring of the wind speed is possible. The AX350 works with analog measured values, the DX350 with incremental measured values.

By monitoring two analog anemometers, speeds can be monitored redundantly. This allows the determination of the wind at two positions in the application.



By operating two AX350 or DX350 in parallel, it is possible to further increase safety, as the system continues to function even in the event of a device failure.



The DS250 is operated together with two incremental anemometers. With its SIL3 / PLe certification, the device guarantees the highest level of safety for the user and the application.



DS250

- Freely programmable limit values
- Suitable for incremental HTL, TTL sensors
- 2 synchronized safe relay outputs (NO)
- Safe analog output 4 ... 20 mA



AX350/ DX350

- Freely programmable limit values
- 2 limit value relays
- Analog input 4 ... 20 mA / 0 ... 10 V or incremental input A, B, 90 ° [HTL]



Please do not hesitate to contact us!