

TECHNICAL FEATURES

Electrical features ANEMO4403 V3 RELAY-ALARM

Power Supply	24 Vac/Vdc
Maximum power consumption	<1 VA/W
Output type	Relay contact (NC dry contact)
Contact type	8A 250Vac

Electrical features ANEMO4403 V3 CONFIGURABLE RELAY-ALARM

Power supply	12...24 Vdc
Maximum power consumption	<1 W
Output type	Relay contact (NA dry contact)
Contact type	8A 250Vac

Measurement

Range	3-180 km/h
Starting speed	8 km/h
Survival speed	200 km/h
Accuracy	1km/h (3-15 km/h) 3% (15-180Km/h)

General

Material	PA + FV
Bearings	Stainless steel X65Cr13
Connection type	20m cable (4x0.75mm ²)
Weight (with 20m cable)	1800 g
Weight (without cable)	150 g
Dimensions	125x139 mm
Storage temperature	-35°C +80°C
Working temperature with no ice	-20°C +70°C
EMC	EN 61000-6-2:2001 EN 55022:2001, Class B
Protection	IP65 (UNE 20324:1993) IP54 (UNE 20324:1993) Configurable version

REFERENCES AND ACCESSORIES

References

0103011201	ANEMO4403 V3 RELAY-ALARM 20m CABLE
0103011202	ANEMO4403 V3 CONFIGURABLE RELAY-ALARM 20m CABLE

Accessories

0103010505	Stainless steel bracket AISI 304
0103010506 ¹	Stainless steel bracket plus hardware for mounting the wind sensor on the bracket
0103010507 ¹	Magnets for flat ferromagnetic surfaces. This fixation system can support up to 90 kg
0103010508	2 steel clamps kit that can be fixed to irregular parts measuring up to 63 x 45 mm

¹ 10 unit minimum order. On sale exclusively with wind sensor.

*For other references, please, contact us.



ANEMO4403 V3 RELAY-ALARM

ANEMO V3 range of IED Electronics.

Wind speed sensor designed for different industries and sectors.

ANEMO4403 V3 RELAY-ALARM is a wind speed sensor equipped with a relay output that is activated when the wind reaches a preconfigured speed.

Industrial design for extrem environments

Relay output

Stainless Steel bearings

Measurement range up to 180 km/h

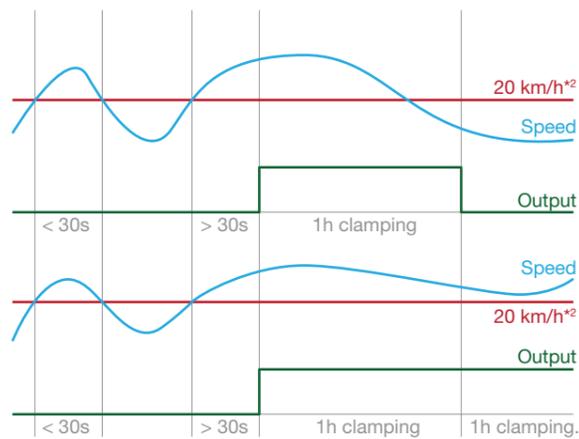
APPLICATIONS

ANEMO4403 V3 RELAY-ALARM has been designed to be used in industrial applications: cranes, solar panels, wind turbines, weather stations, greenhouses, irrigation systems...
The wind sensor must be fixed on a vertical position.

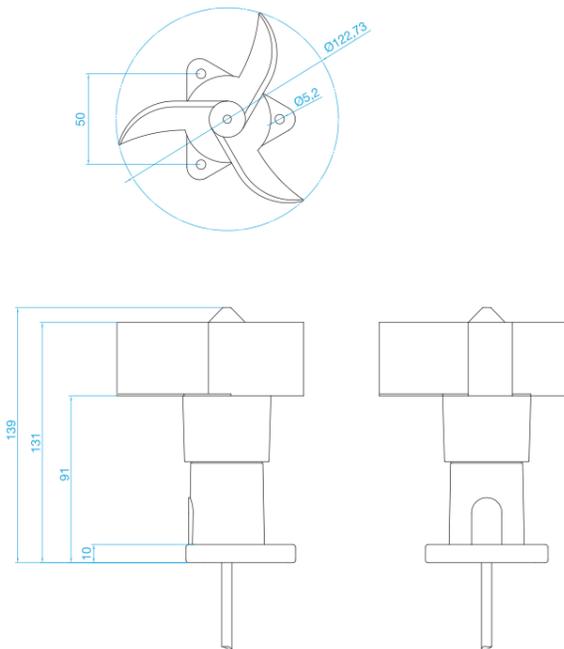
ANEMO4403 V3 RELAY-ALARM

OPERATING

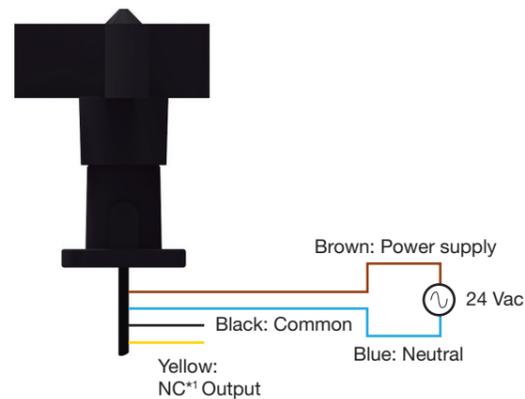
Up to 180 km/h of wind speed.
Output activation: After 30 seconds*³ above 20 km/h*².
Output clamping: 1h*⁴ period after activation.



DIMENSIONS



CONNECTION



*¹ NC output by default. For a NO output, contact IED.
*² The triggering threshold is factory configured. To set other value, contact IED.
*³ The filter is factory configured. To set other value, contact IED.
*⁴ The latching time is factory configured. To set other value, contact IED.

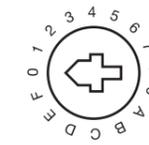
ANEMO4403 V3 CONFIGURABLE RELAY-ALARM

OPERATING

Up to 180 km/h of wind speed.
Output activation: After a second*² of wind speed over the set value.
Output deactivation: Wind speed 1km/h*³ below the set value.
Minimum duration of the output pulse: 5 seconds.
The output is not latched.*⁴

Relay Output Configuration. Speed threshold.

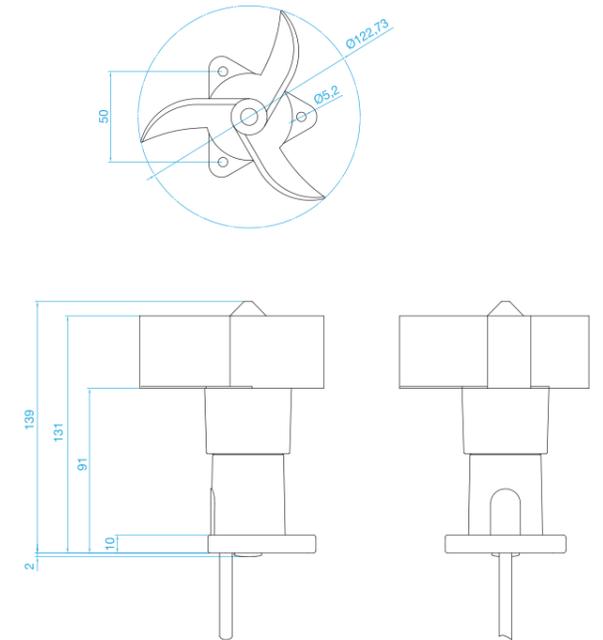
0 – 20km/h	8 – 60km/h
1 – 25km/h	9 – 65km/h
2 – 30km/h	A – 70km/h
3 – 35km/h	B – 75km/h
4 – 40km/h	C – 80km/h
5 – 45km/h	D – 85km/h
6 – 50km/h	E – 90km/h
7 – 55km/h	F – 95km/h



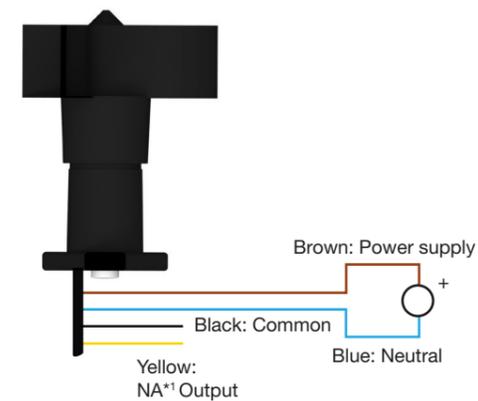
Rotating switch

To configure the speed threshold for the relay activation, unscrew the lid in the anemometer base to access the rotating switch.

DIMENSIONS



CONNECTION



*¹ The relay output is factory configured as NO. For a NC output, contact IED.
*² Output activation temporary hysteresis is factory configured. For other values, contact IED.
*³ Output deactivation hysteresis is factory configured. For other values, contact IED.
*⁴ No alarm latching by default. For alarm latching, contact IED.