ANEMOMETER WITH ALARMS
FOR CONSTRUCTION SITES AND INDUSTRY

Models: Y211/WS, Y211/BAT/WS

FEATURES

- wind speed monitoring
- built-in audible alarm and red/yellow alarm lights
- night illuminated LCD display
- 2 x alarm relays (type Y211/WS)
- 12...24V external powered (Y211/WS)
- battery powered (Y211/BAT/WS)
- shock proof, user replaceable anemometer cups
- user replaceable sensor bearings
- sensor mounts on 20 mm diameter vertical rod
- optional magnetic mounting assembly

FUNCTIONS

- current, average and max. wind speed
- programable alarm and pre-alarm
- shows wind speed in km/h, m/s, knots or mph
- bar graph relative to the alarm limit

APPLICATIONS

- crane applications
- lift applications
- all applications where wind alarm is needed

NAVIS elektronika
E-mail: info@navis-elektronika.com
www.navis-anemometers.com

ORDERING:
- **Y211/WS** display unit, WS sensor, external powered
- **Y211/BAT/WS** display unit, WS sensor, battery powered
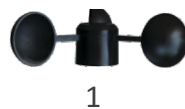
OPTIONAL MOUNTING ACCESSORIES:
- **MMA/WSS100** magnetic mounting assembly for WS sensor
- **MDMA/Y210** magnetic display mounting assembly for Y210/D

TECHNICAL DATA

Wind speed measurement range:		0,8 - 50,0 m/s
Current wind speed:		1 second display update
Average wind speed:		1 minute averaging period
Wind speed resolution:		0,1 unit (under 9,9), 1 unit (above 10)
Wind speed accuracy:		+/- 2,5 %
Wind speed units:		m/s, km/h, knots, mph
Power supply:	type Y211/WS	external 12 - 24 V DC, 100mA
	type Y211/BAT/WS	battery 2 x 1,5V AA Mignon
Battery life:	type Y211/BAT/WS	up to 2 years
Sensor cable length:		10 m (other lengths up on request)
Temperature operating range:		-25 ... +60 °C
Alarms:		adjustable max alarm: red light + sound signal
		adjustable pre alarm: yellow light
Sound signal (integrated buzzer):		83dB/10 cm
Relays:	type Y211/WS	2 x alarm relay, contact rating - 3A/24 V
Sensor bearings:		2 x precision stainless steel Ball bearing, replaceable
Materials:		sensor housing: Aluminum
		cups (replaceable): PA (Polyamide)
		display unit: ABS
Dimensions - display unit:		89 x 74 x 41 mm
Weight - display unit:		120 g
Dimensions - wind speed sensor:		Height 125 mm, overall diameter cup to cup 120 mm
Weight - sensor:		120 g (without cable)
Sensor mounting:		sensor mounts on a vertical pipe with ø20 mm diameter

SPARE PARTS
1 Spare anemometer cups
2 WS SHB sensor head with bearings
3 WSS-Y410/210 sensor

1   2   3

C ϵ

080822