Wind Speed Sensor

WSS 100/HALL

NAVIS

* replaceable head with bearings
* replaceable anemometer cups
* wind tunel tested

ASSEMBLY

Place cups on the spindle and press it down, until you hear "click" sound.

MOUNTING

The sensor mounts on a vertical pipe with ø20 mm outside diameter

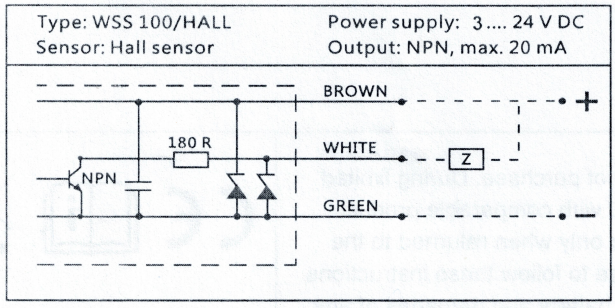
TECHNICAL DATA

Wind speed measurement range:	0,8 - 50,0 m/s
Starting threshold:	0,7 m/s
Operating voltage:	3...24 V DC
Current consumption:	10 mA
Signal output:	frequency (1 pulse/rotation) I max: 20 mA
Output frequency:	1,18 Hz/m/s wind speed (m/s) = 0,5 + (output frequency x 0,847)
Accuracy:	+/- 0,20 m/s or 2,5% (up to 40 m/s)
Transient voltage protection:	YES
Temperature operating range:	- 30 ... +55 °C
Relative humidity:	0 ... 100%
Rotation sensor type:	Hall effect sensor
Cable:	Liyy 3 x 0,25 mm^2; 10 m standard
Bearings (replaceable):	2 x stainless steel Ball bearings (replacable)
Material - housing:	anodized Aluminum
- cups (replaceable):	PA (Polyamide)
Weight:	120 g, without cable

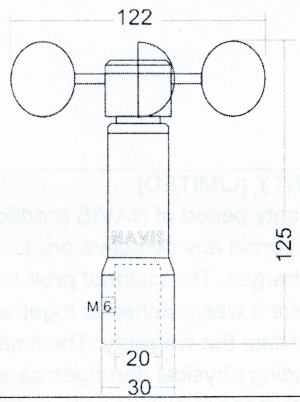
OPTIONS:
- individualy wind tunnel tested sensors with calibration certificate
- various cable length

SPARE PARTS:
- spare anemometer cups
- WS sensor head with bearings

WIRING



DIMENSIONS



Subject to technical modification without notice.