

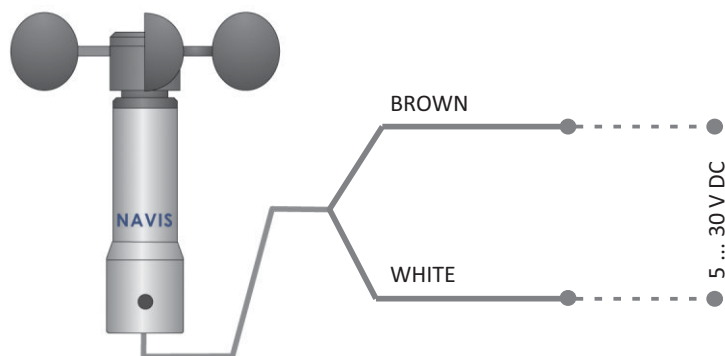
WIND SPEED SENSOR

WSS 100/REED2

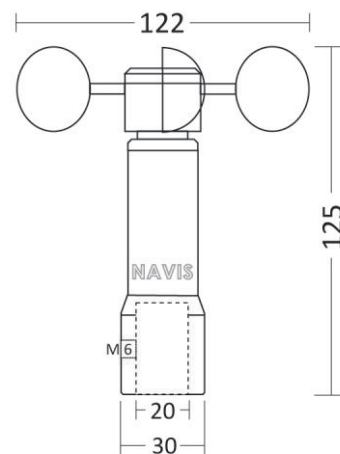


- ▶ REED rotation sensor
- ▶ precision stainless steel Ball bearings
- ▶ field replaceable bearings
- ▶ replaceable anemometer cups
- ▶ wind tunnel tested

WIRING



DIMENSIONS



ORDERING

- WSS100/REED2

OPTIONS

- Individually wind tunnel tested sensors with calibration certificate
- Measnet calibration certificate
- various cable length

SPARE PARTS

- 1 Spare anemometer cups
- 2 WS sensor head with bearings
- 3 WS sensor head with ceramic bearings



TECHNICAL DATA

Wind speed measurement range:	0,8 - 50,0 m/s
Starting threshold:	0,7 m/s
Switching voltage:	max. 30 V DC
Switching current.....	max. 20 mA
Output frequency:	2,36 Hz/m/s
	wind speed (m/s) = 0,5 + (output frequency x 0,424)
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:	REED relay
Cable:	Liyy 2 x 0,5 mm ² ; 10 m standard
Bearings (replaceable):	2 x stainless steel Ball bearings
Material - housing:	anodized Aluminum
- cups (replaceable):	PA (Polyamide)
Weight:	120 g, without cable
Mounting:	the sensor mounts on a pipe with ø20 mm outside diameter

WIRING

