

Wind Speed Sensor

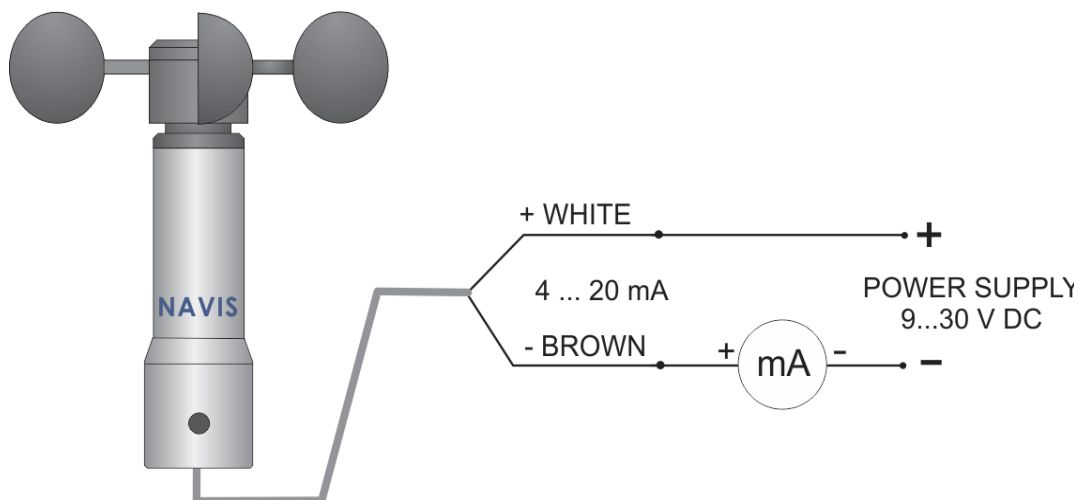


WSS 100/4-20 mA

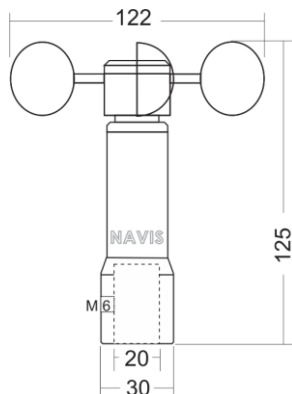
TECHNICAL DATA

Wind speed measurement range:	0,7 ... 50,0 m/s
Operating voltage:	9...30 V DC
Signal output:	4...20 mA, 2 wire
	4 mA = 0 m/s, 20 mA = 50 m/s
Output averaging period:	1 s
Resolution:	0,1 m/s
Loop resistance:	max. 600Ω /24V
Reverse polarity protection:	YES
Transient voltage protection:	YES
Temperature Operating Range:	-40 ... +60 °C
Relative Humidity:	0 100%
Accuracy:	+/- 0,15 m/s or 2,5% (up to 40 m/s)
Cable:	2 x 0,34 mm ² ; 10 m standard
Bearings:	2 x precision stainless steel Ball bearings (replaceable)
Material	housing: Anodized aluminum
	cups (replaceable): PA
Mounting :	the sensor mounts on a pipe with ø 20 mm outside diameter
OPTIONS:	Wind tunnel certificated version available

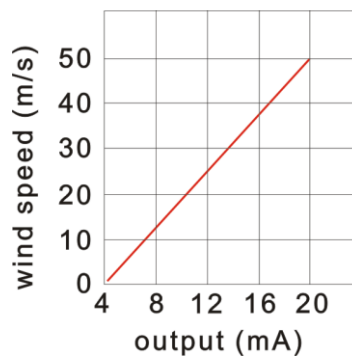
WIRING



DIMENSIONS



OUTPUT



Subject to technical modification without notice.