

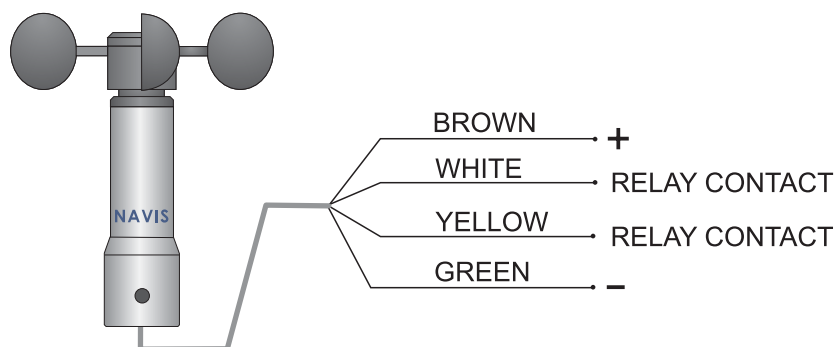
WIND SPEED SWITCH

WS 102

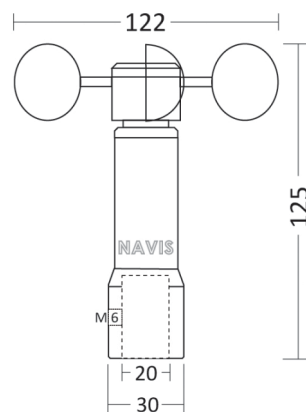


- relay output
- adjustable alarm limit
- adjustable alarm ON and OFF delays
- field replaceable bearings
- no need for external controller
- replaceable anemometer cups
- stainless steel ball bearings
- relay switches at exceed wind speed alarm limit

WIRING



DIMENSIONS



ORDERING INFORMATION

MODELS

- WS 102/12 (12V Power Supply)
- WS 102/24 (24V Power Supply)

OPTIONS

- various cable length

SPARE PARTS

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



TECHNICAL DATA

Wind speed measurement range:	1,0 ... 50,0 m/s
Operating voltage:	WS102/12: 12 V DC WS102/24: 24 V DC
Current consumption:	30 mA
Alarm setting range:	1 - 60 m/s
Setting of alarm level:	with magnetic key in 1 m/s steps
Setting of alarm ON delay:	with magnetic key in 12 steps, 0 - 60 min
Setting of alarm OFF delay:	with magnetic key in 12 steps, 0 - 5h
Measurement averaging period:	3 seconds
Relay contact rating:	1A/12V DC; 1A/24V DC
Temperature Operating Range:	-35 to +60 °C
Accuracy:	+/- 4 %
Rotation sensor type:	Hall sensor
Reverse polarity protection:	YES
Transient voltage protection:	YES
Cable:	4 x 0,25 mm ² ; 10 m standard
Bearings (replaceable):	2 x precision stainless steel ball bearings
Material:	housing: anodized Aluminum cups: Poliamide, PA
Weight:	120 g, without cable
Mounting :	mounts on a pipe with ø 20 mm outside diameter