WIND SPEED SWITCH
WS102

- 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
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 mm2; 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

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

Subject to technical modification without notice.