

Wind Direction sensor

WDS 100/4-20 mA



TECHNICAL DATA

Measurement range: 0°... 360°, no blank sector

Resolution: 1°

Measurement principles: magnetic, contactless

Operating voltage: 9...30 V DC

Signal output: 4...20 mA, 2 wire

Output averaging period: 2s

Loop resistance: max. 600Ω /24V

Reverse polarity protection: YES

Transient voltage protection: YES

Temperature Operating Range: -30... +60°C

Relative Humidity: 0... 100%

Accuracy: +/- 2,5°

Cable: 2 x 0,34 mm²; 5 m standard

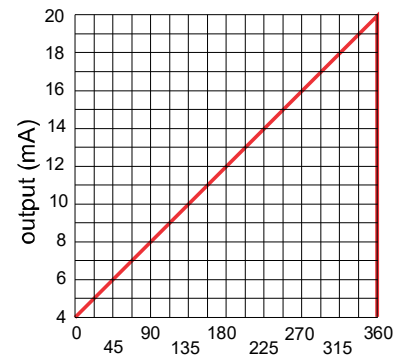
Bearings: 2 x precision stainless steel Ball bearing

Material: housing: Anodized Aluminum
vane: Carbon

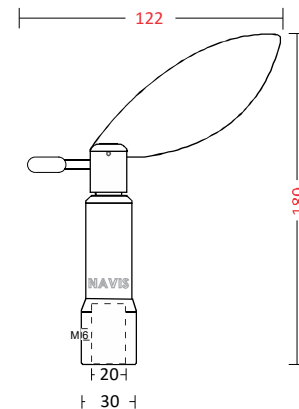
Mounting: the sensor mounts on a pipe with
ø 20 mm outside diameter

***Mark on the sensor indicates position 0°!**

OUTPUT



DIMENSIONS



WIRING

