WIND DIRECTION SENSOR
WDS 100/4-20mA

- replaceable wind vane
- field replaceable bearings
- UV and shock resistant wind vane
- magnetic, contactless measuring principle with no blank sectors

WIRING

DIMENSIONS

OUTPUT

NAVIS elektronika
E-mail: info@navis-elektronika.com
www.navis-anemometers.com
TECHNICAL DATA

Wind direction measurement range: 0 ... 359°, no blank sectors
Resolution: 1°
Minimum wind speed: 0,3 m/s
Measurement principle: magnetic, contactless
Operating voltage: 9 ... 30 V DC
Signal output: 4 ... 20 mA, 2 wire
Output averaging period: 2 s
Accuracy: +/- 2,5°
Loop resistance: max. 600Ω /24V
Reverse polarity protection: YES
Transient voltage protection: YES
Temperature operating range: -30 ... +55 °C
Relative humidity: 0 ... 100%
Cable: Liyy 2 x 0,34 mm²; 10 m standard
Bearings (replaceable): 2 x precision stainless steel Ball bearings
Material - housing: Anodized aluminum
- vane (replaceable): UV and shock resistant plastic
Weight: 140 g, without cable
Mounting: the sensor mounts on a pipe with Ø20 mm outside diameter

Subject to technical modification without notice