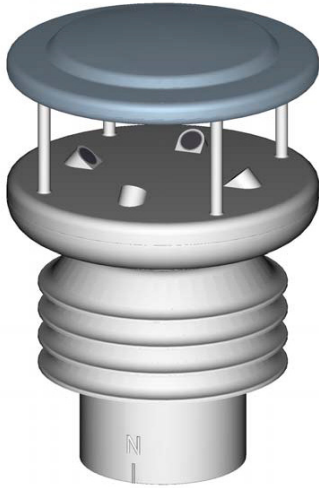


CLIMASENSOR US

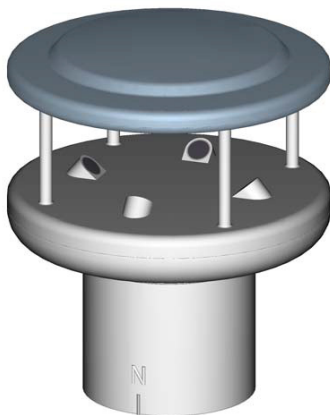
for the Measurement of Weather Data



Variations

4.9200.00.00X¹
Climasensor US NHTFB
Wind - Precipitation - Brightness -
Temperature - Humidity - Air Pressure

4.9201.00.00X¹
Climasensor US TFB
Wind - Temperature - Humidity - Air
Pressure



4.9202.00.00X¹
Climasensor US NH
Wind - Precipitation - Brightness

4.9203.00.00X¹
Climasensor US Wind
Wind

Technical Data

Combined sensor with integrated GPS receiver for the measurement of:

- Wind Speed (measuring range: 0 to 60 m/s)
- Wind Direction (measuring range: 0 to 360°)
- Precipitation yes / no via Doppler radar
- Brightness (measuring range: East/South/West all 0 to 150 Lux)
- Twilight (measuring range: 0 to 250 Lux)
- Temperature (measuring range: -30 to +70°C)
- Relative Humidity (measuring range: 0 to 100 %)
- Air Pressure (measuring range: 300 to 1100 hPA)

Serial Output via RS422/485 com port, Baudrate 9600, 8N1

Measurement Data: momentary values all 1 seconds

Format¹: ASCII (X=0)/Modbus RTU (X=1), output rate 1 per second

8 analogue outputs 0 to 10 V

Supply: 5 to 60 Vdc or 10 to 42 Vac

Heating 24 Vac/Vdc at 25 VA

Connection via 19-pole plug within shaft

Temperature Range: -30 to +70°C

Housing made of plastic, UV stabilized

Mounting: Mast tube 1,5"

Protection Class: IP 67



INGENIEURBÜRO
Mencke & Tegtmeier GmbH

Meßgeräte für die Solartechnik

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