

## DEN NATIONALE Udstyrsbank

<b>MARS NR.</b>  MARS-02
<b>BETEGNELSE</b>  Vindmåler, Young
<b>SPECIFIKATIONER</b> <b>WIND SPEED</b> Range: 0-75 m/s (156 mph) Resolution: 0.01 m/s Accuracy: 0 to 30 m/s $\pm 2\%$ or 0.1 m/s 30 to 75 m/s $\pm 3\%$ <b>WIND DIRECTION</b> Azimuth Range: 0-360 degrees Resolution: 0.1 degree Accuracy: $\pm 2$ degrees <b>SERIAL OUTPUT</b> (Selectable) Interface Type: RS-232 or RS-485/422 Formats: ASCII Text (polled and continuous) RMYT (YOUNG Wind Tracker) NMEA Baud Rates: 1200, 4800, 9600, 19200 and 38400 <b>ANALOG OUTPUT</b> (Selectable) Polar Speed: 0-5000mV or 4-20 mA (0 to 100 m/s) Polar Direction: 0-5000mV or 4-20 mA (0 to 360° or 0 to 540°) Cartesian UV: 0-5000mV or 4-20 mA (-100 m/s to +100 m/s) <b>GENERAL</b> Output rate: 0.1-20 Hz, 1 Hz typical Power Supply: 10 to 30 VDC, 20 mA typical, 85 mA max Protection Class: IP65 EMC Compliance: FCC Class A digital device IEC standard 61326-1 Dimensions: 29 cm high x 11 cm wide Weight: 0.4 kg (0.9 lb) Shipping Weight: 1.6 kg (3.5 lb) Operating Temperature: -40 to +60°C

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### ANVENDELSE

Anvendes til at bestemme vind hastighed samt retning

### BILLEDE

