

WindDisplay

- Double LED circle
- Gust display
- 2 min average
- 10 min average
- M/s, knots, mph, km/h and Beaufort

The WindDisplay from Gill Instruments Limited is a combined display for wind speed and direction. The unit incorporates a digital LED indicator for speed and a double ring of 36 LED's to indicate current and average direction information. The WindDisplay receives signals directly from the anemometer without the need for additional interfaces. Wind speed and direction data may be transmitted at either 1 or 4HZ. Daisy chain connectors may be used to transfer wind sensor information to a second wind display. Depending on the capacity and type of cable used, a distance of up to 1000m is possible. The WindDisplay power supply can be set to meet customers specific requirements. The standard display shows a 360° scale. The front panel of the ship-borne WindDisplay shows 0° - 180° on both sides of the scale.



APPLICATIONS

- Meteorological
- Hydrological
- Marine Engineering
- Aviation
- Industrial
- Transport
- Construction

FEATURES

- Digital output
- Compatible with Gill anemometers
- Brightness control
- 2min/10min average
- Min/max gust
- Selectable scaling
- Wind variation sector

WindDisplay

SPECIFICATION

Display

Speed display - 3 digit, 7 segment LED display, 14.3mm height
Gust display - 3 digit, 7 segment LED display, 10.1mm height
Average - 2 minutes, 10 minutes
Minimum and maximum gust

Wind Speed

Mph, m/s, knots, km/h, Beaufort

Direction

Direction display - 36 LED's circular, colour RED
Direction average - 36 LED's circular, colour AMBER

Power Requirement

Power supply - 220Vac, 115Vac

Output

+15Vdc sensor supply
Signal transmission for daisy chain - 20mA current loop, 300 Baud, ASC11-Code

Input

RS422 (output from Gill anemometer)

Dimensions

Size	144 x 144 x 94mm
Weight	800g

Environmental

Operating temperature	-30°C to +60°C
Moisture protection	IP40
Humidity	5-90%
EMC	BS EN 50081-1: 1 Class B



The SOLENT range is in continuous development and so specifications may be subject to change without prior notice.

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