

WIND POLAR UNIT



- ▶ Display of instantaneous and maximum wind velocity (or instantaneous direction)
- ▶ Visualization of instantaneous wind direction on a 36 leds polar display
- ▶ Possibility of visualizing average values over a programmable time base
- ▶ Configurable alarms on display or by relay outputs
- ▶ Possibility to joint together up to 16 units (using RS485 bus)

It shows on digital display the instant and maximum wind speed value in knots, MPH, Km/H, m/s. It shows instant wind direction (alternately to max wind speed) and shows the wind direction on a polar display made by 36 leds with the last 10 acquisitions information. Information regarding instant wind speed and direction measurements can be replaced by the average values over a programmable time base. Polar wind display unit informs about alarm situation over wind speed and direction using led and relay contacts. It has 0-5 Vdc (and RS485, ASCII file) output for wind speed and direction. More units (up to 16 units) can be mounted together over a RS485 line.

Technical Specifications

Code	DGA311	
Input (from DNA821.1, DNA801-	2x4÷20 mA	<ul style="list-style-type: none"> • wind speed: 0÷50 m/s o 0÷100 m/s • wind direction: 0÷360° o 0÷540°
Power supply	12÷30 Vdc	
Power consumption	3,5 W	
Dimension	144x144x36 mm	
Panel orifice dimension	138x138 mm	
Uncertainty	± 0,6% full scale	
Serial output	RS485 half duplex, 9600 baud for line connection or ASCII file	
Analogue output	0÷5 Vdc (0÷100 m/s; 0÷360/540°)	
Alarm	Alarm relay connections (Normally open) for wind speed and direction. Alarm contact rating 24 VAC/30 VDC, 5 A resistive, 2 A inductive	
Weight	0,45 Kg	

