

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 V DC	
Power consumption	3.5 W	
Dimension	144x144x36 mm	
Panel orifice dimension	138 x 138 mm	
Uncertainty	± 0.6% full scale	
Serial output	RS485 half duplex, 9600 baud for line connection or ASCII file	
Analogue output	0...5 V DC (0...100 m/s; 0...360/540°)	
Alarm	Alarm relay connections (Normally open) for wind speed and direction. Alarm contact rating 24 V AC/30 V DC, 5 A resistive, 2 A inductive	
Weight	0.45 kg	

LSI LASTEM Srl
Via Ex SP. 161 Dosso, 9
20049 Settala (MI)
Italy

Tel. +39 02 954141
Fax +39 02 95770594
Email info@lsi-lastem.com
www.lsi-lastem.com

