



## SPEED-מד מהירות רוח

מד מהירות הרוח - פועל ע"י ספירת פולסים ליחידת זמן

**סיבוב מד הרוח סוגר נקודת מגע קבועה**

אורך כבל 8 מטר (ניתן להארכה למאות מטרים)  
חישוב מהירות:

**2.5mph per Hz (1 Hz = 1 pulse/second)**

### נוסחה המרה

$$WS = \frac{2.5C}{T}$$

Where:

WS=wind speed in miles per hour

C=counts

T=time interval over which counts are measured



נתונים טכניים

SENSOR TYPE	3-Cup rotor Reed switch/magnet provide 1 pulse per rotation.
OUTPUT for D2 Rotor (Shown in photo)	1 pulse per rotation 2.5 mph per Hz
OUTPUT for Maximum Rotor (Sold on products prior to ~May 2005)	1 pulse per rotation 3.4 mph per Hz
ROTOR DIAMETER	approx. 5 in (~125 mm)
SPEED RANGE	approx. 3 mph to 125+ mph (~5 kph to over 200 kph)
MOUNTING BRACKET	Supplied with an aluminum mounting bracket with 2 holes for screws. Designed to be mounted on top of a pole or bracket. Custom brackets available up request (offset, for example)
WIRE	Standard length is 25 feet (8m) custom lengths available upon request - tested OK to over 1,500 feet The wire is provided stripped and unterminated 2 small wire nuts provided to connect to the display once installed
DISPLAY	None provided with the sensor only Formula for converting pulses to speed: 2.5 mph per Hz (2.5 mph per pulse/second)
POWER	No power required

