



**MODEL 05608C**  
**WIND SENSOR INTERFACE**  
0-5 VDC OUTPUT

**INSTRUCTION SHEET 05608C-90**  
REV: A010313

**SPECIFICATIONS**

- Sensor Type:** Wind Monitor-HD (Model 05108)  
NOTE: use with other models will result in wind speed errors.
- Wind Speed Input:** AC sine wave, Frequency proportional to wind speed. 3 pulses per revolution. Input sensitivity nom. 40 mV p-p
- Wind Direction Input:** Analog voltage from azimuth potentiometer. Regulated excitation voltage (nom 5.0vdc) is supplied from interface circuit to potentiometer.
- Wind Speed Output:** 0 to 5.00 VDC = 0-100 M/S  
Circuit time constant 0.2 second
- Wind Direction Output:** 0 to 5.00 VDC = 0 to 360°
- Overall accuracy:** ± 1% of full scale over temperature and supply voltage range
- Dimensions:** 110 mm W x 75 mm H x 56 mm D  
(4.3 in W x 2.9 in H x 2.2 in D)
- Mounting:** U-bolt for vertical pipe  
25-50mm (1-2 in) Diameter
- Power Requirement:** 8-24 VDC (5 mA @ 12 VDC)
- Temperature Range:** -50 to 50°C (-58 to 122°F)

**INTRODUCTION**

The Wind Sensor Interface provides calibrated analog DC voltage signals for wind speed and wind direction. The unit consists of a circuit board assembly in a weather resistant junction box. All cable connections are made in the junction box. See wiring diagram below.

**IMPORTANT!**

**The Wind Sensor Interface provides a calibrated voltage output signal for wind speed and wind direction. Externally connected devices should be reviewed for compatibility and correct signal scaling.**

Repairs should be attempted only by qualified service personnel.

**WARRANTY**

This product is warranted to be free of defects in materials and construction for a period of 12 months from date of initial purchase. Liability is limited to repair or replacement of defective item. A copy of the warranty policy may be obtained from R. M. Young Company.

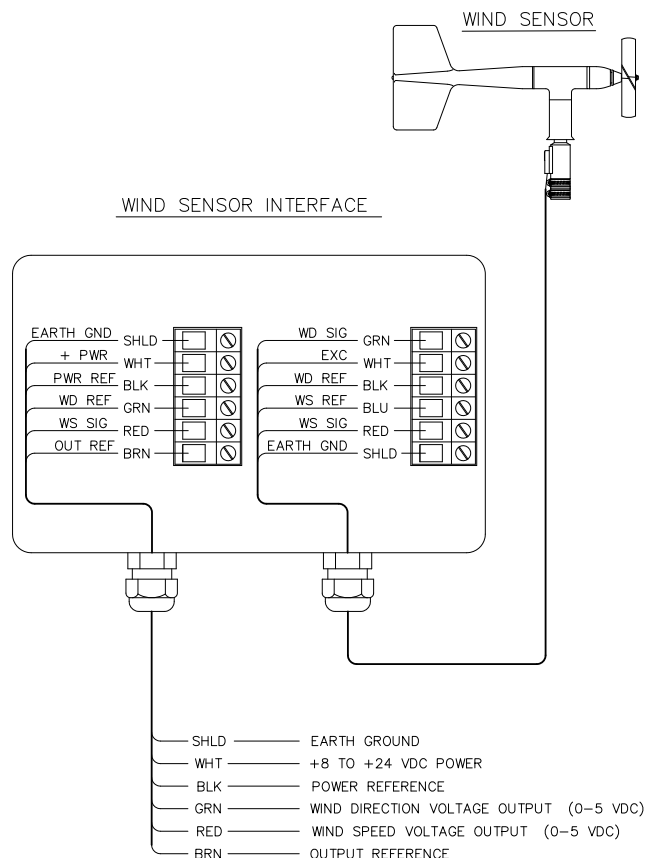
**CE COMPLIANCE**

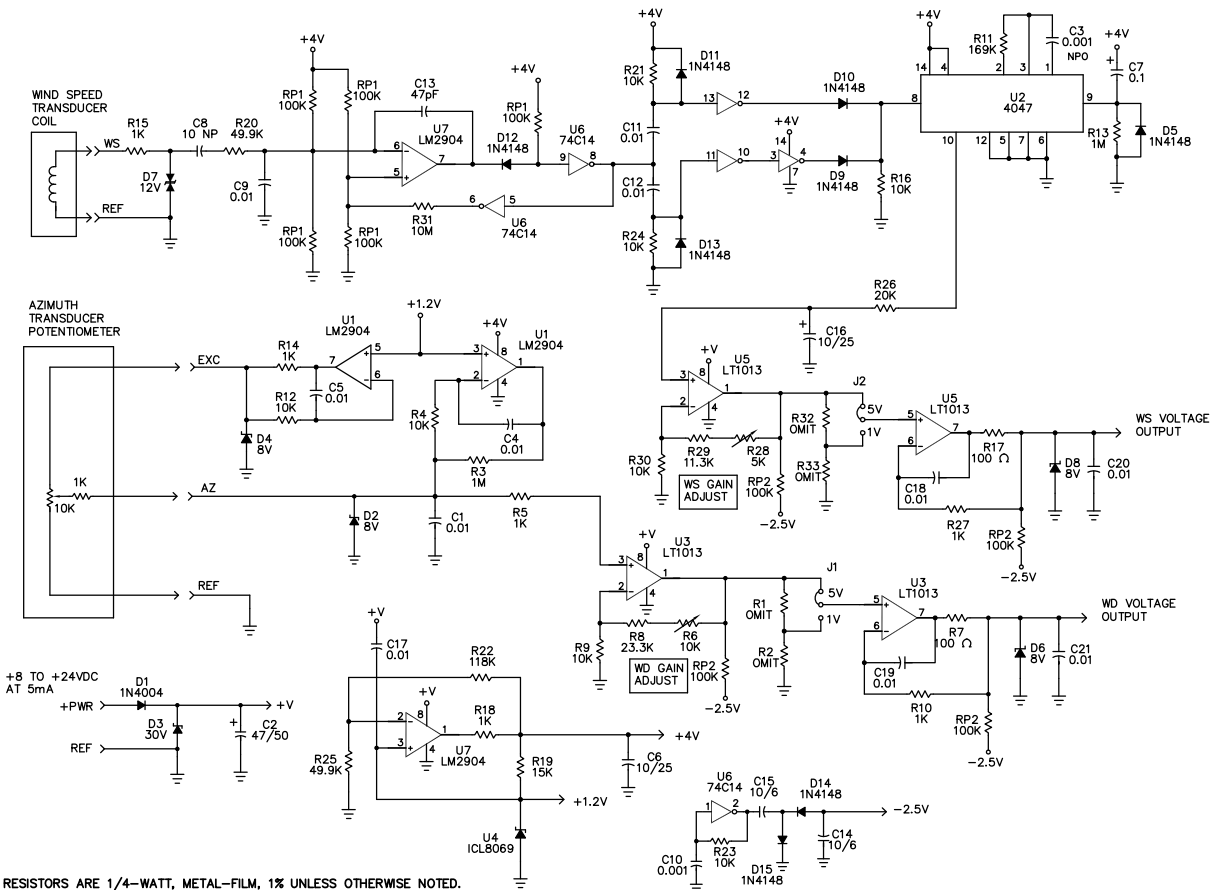
This product has been tested and shown to comply with European CE requirements for the EMC Directive. Please note that shielded cable must be used.

**Declaration of Conformity**

R. M. Young Company  
2801 Aero Park Drive  
Traverse City, MI 49686 USA

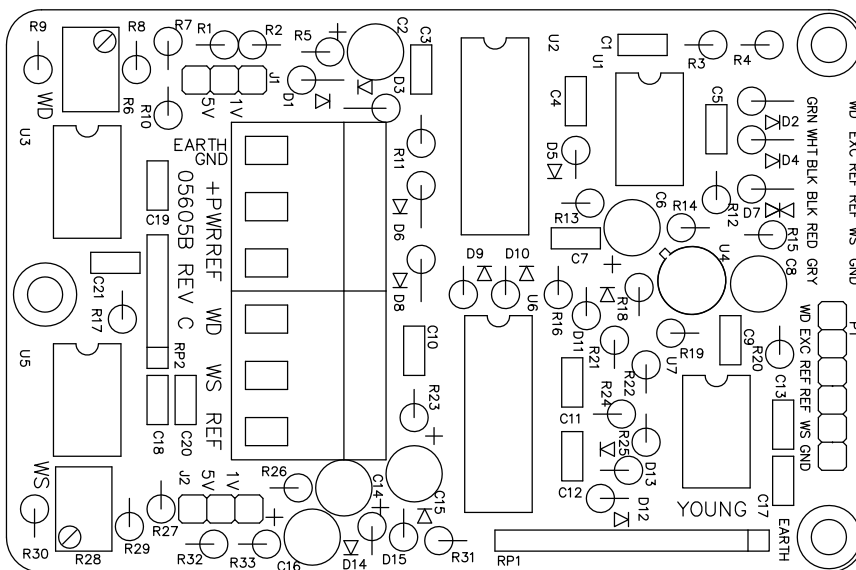
Model 05608C Wind Sensor Interface conforms to the provisions of Council Directive 2004/108/EC (December 15, 2004) on Electromagnetic Compatibility



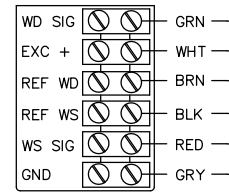


**NOTES:**

1. ALL RESISTORS ARE 1/4-WATT, METAL-FILM, 1% UNLESS OTHERWISE NOTED.
2. ALL CAPACITORS ARE IN uF UNLESS OTHERWISE NOTED.
3. CAPACITORS SHOWN AS uF/WV



TERMINAL STRIP AND MOUNTING BRACKET ATTACHED TO ENCLOSURE WHEN SOLD IN SEPARATE ENCLOSURE.



MODEL 05608C WIND SENSOR INTERFACE	DWG A	PRD 01/13
0-5 VDC OUTPUT (0-100 M/S)	DWN JMT	DWN 04/13
	CHK	W05603C(A)
R.M. YOUNG CO. TRAVERSE CITY, MI 49686 U.S.A. 231-946-3980		