

# WSM INSTALLATION INSTRUCTIONS

## ASSEMBLY

The anemometer rotor is shipped separately from the body. To assemble, loosen the set screw on the side of the rotor. Slip the rotor onto the shaft with the flat of the shaft aligned with the set screw. Tighten the set screw.

## MOUNTING

Mount the anemometer in a location where it is protected from vandalism but open to the wind in all directions, typically 8 to 10 feet off the ground. Avoid locations between trees, buildings, land formations or other structures that block or shift the natural flow of the wind. Tops of buildings, signs or poles make good mounting points.

The removable mounting bracket is predrilled with several holes accommodating a variety of fasteners.

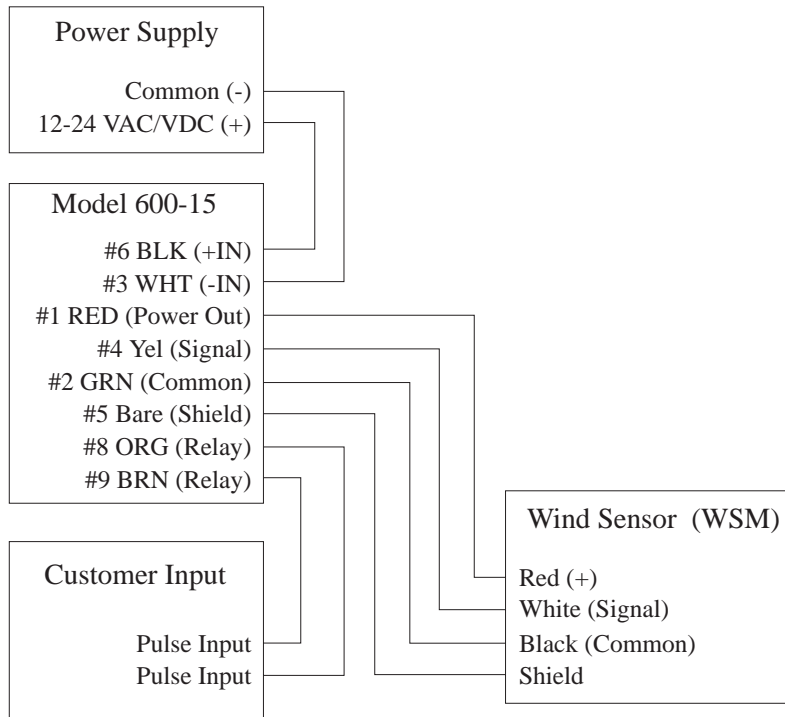
The anemometer is supplied with 20 feet of cable allowing the companion electronics to be placed in an accessible location.

The electronics are supplied with a weathertight enclosure exceeding NEMA 4 and 6 specifications. To insure the waterproof integrity of the enclosure, make sure the cover screws and the cable fittings are secure.

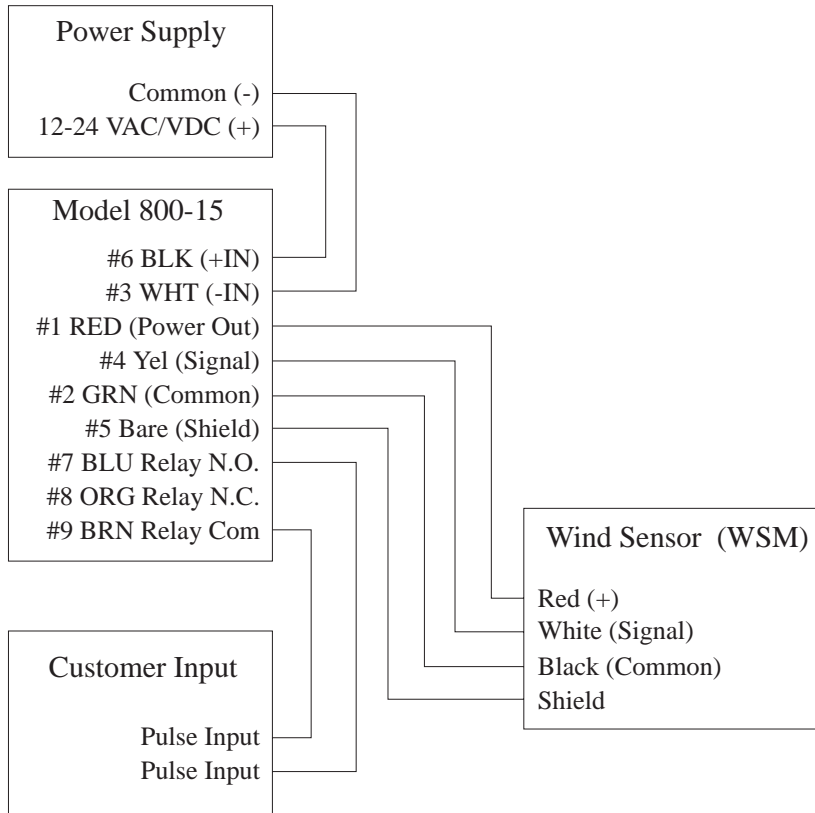
Do not use the enclosure as a splice box.

## WIRING INSTRUCTIONS

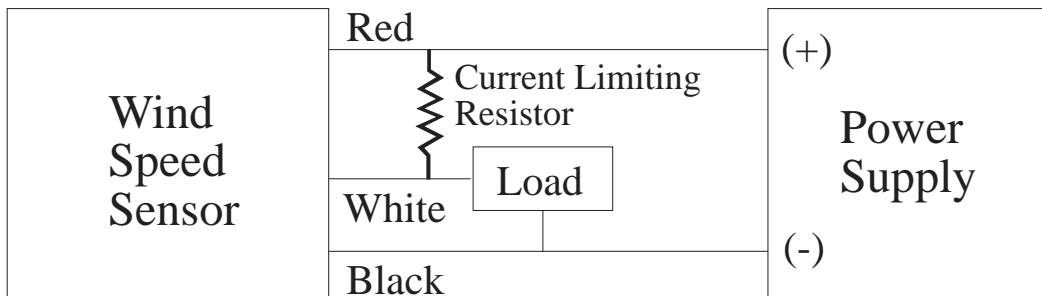
### Wiring of Model WSM Wind Speed Sensor to Model 600 Pulse Output Transmitter



## Wiring of Model WSM Wind Speed Sensor to Model 800 LARC



## Wind Speed Sensor Alone



The WSM anemometer may also be connected directly to some data collection and control devices. Use caution in wiring because the circuitry is easily damaged.

Power Supply: 5 VDC or greater. Above 10VDC current limited to an absolute maximum of 30 mA.

Current Draw: 8 mA

Output signal: 0.7643 hz/MPH