The Walker 2050 uses a Combined Anemometer Cup & Vane Direction Sensor, the P296. This gives high accuracy in a robust compact package!

The Sensor connects directly to a standard Walker DIN 144 wind speed & direction indicator, the P249, which gives digital displays of relative wind speed & direction. Wind direction is also displayed on a simulated analogue display by 72 LEDs.

True wind systems are available by using this sensor with the Walker P1066 True Wind Interface Unit.
**Specification**

**System**
The sensor converts wind speed and direction into serial digital data. Data is displayed by the P249 Indicator in digital format and also in analogue for wind direction. The instrument interfaces in NMEA 0183/RS422 to other ship systems. Sentence – MWV

**Sensor**
Mounting by base flange.
Sealed to IP65 (when correctly mounted)
Weight: 0.92 Kg
plus 3kg for 40 metre cable and connector assembly.

**Indicator**
Standard DIN 43700 case; 144 x 144 mm – depth 110mm
Weight: 1.2 Kg
Mounted by panel clips or drilled frame supplied.
Connection by three cable glands to rear connection box.
Cables: 4.5 to 7 mm dia.
Controls: Illumination
Lamp Test
Select Units, Knots, Metres/Sec and Kilometres/Hour.
Front panel splash proof when installed correctly.

**System Parameters**
Input voltage: 24v DC 40mA
Wind Speed Measurement
Range 0–100 knots
Accuracy +/- 0.5 knots
Resolution 0.1 knots
Wind Direction measurement
Range 0° – 359°
Accuracy +/- 3°
Resolution 0.1°

**Environmental**
Operating Temperature
Sensor -35 °C to +70 °C
Indicator 0 °C to +55 °C
Storage Temperature
Sensor -40 °C to +90 °C
Humidity <5% to 100%

**Option:**
2050 Mk2 Wind Speed & Direction
True System, P1066 True Wind
Interface Unit