



**4 to 20 mA
WIND SPEED TRANSMITTER**
Model : TR-AM3W

- * Measuring range : 0.5 to 50 m/s
- * Start wind speed : ≤ 0.5 m/s.
- * Accuracy :
 - ± 0.5 m/s (< 5 m/s)
 - $\pm 3\%$ F.S. (≥ 5 m/s)
- * Power supply : DC 12 to 30 V.
- * Output signal : 4 to 20 mA
 - 4 mA = 0 m/s
 - 20 mA = 50 m/s
- * 3 wires :
 - Brown (+ Vcc), White (+ lout),
 - Blue (Ground)
- * Typical load resistance : < 250 ohm.
- * Body material : Aluminum alloy.
- Wind cup material : Stainless steel.
- * Max. wind speed : 70 m/s.
- * Operating Temp. : -20 to 80 °C.
- * Operating humidity : 0 to 90 %RH.
- * Protection class : IP65.
- * When TR-AM3W cooperate the 4-20 mA Controller/Alarm/Indicator CT-2012, then whole system will become the high performance Wind speed Controller/Alarm/Indicator.

**4 to 20 mA
WIND DIRECTION TRANSMITTER**
Model : TR-AD3W

- * Measuring range : 0 to 360 degrees.
- * Start wind speed : ≤ 0.5 m/s.
- * Accuracy :
 - ± 3 degrees (after calibration).
- * Power supply : DC 12 to 30 V.
- * Output signal : 4 to 20 mA
 - 4 mA = 0 degree
 - 20 mA = 360 degrees
- * 3 wires :
 - Brown (+ Vcc), White (+ lout),
 - Blue (Ground).
- * Typical load resistance : < 250 ohm.
- * Body material : Aluminum alloy.
- Vane material : Stainless steel.
- * Max. wind speed : 70 m/s.
- * Operating Temp. : -20 to 80 °C.
- * Operating humidity : 0 to 90 %RH.
- * Protection class : IP65.
- * When TR-AM3W cooperate the 4-20 mA Controller/Alarm/Indicator CT-2012, then whole system will become the high performance Wind direction Controller/Alarm/Indicator.



4-20 mA Controller/Alarm/Indicator
Model : CT-2012

- * Input : 4-20 mA DC, linear.
- * User can default the desired display value between -1999 to 9999 (decimal point can be selected to DP1, DP2, DP3) and all the preset data will be saved into the memory circuit permanently.
- * When CT-2012 cooperates with LUTRON'S 4 to 20 mA transmitters, whole system will become the high performance Controller/Alarm/Indicator for following measuring functions : Wind speed, Wind direction Humidity, Light, pH, Dissolved Oxygen, Conductivity, Vibration, Pressure, Sound, Temperature, RPM, Hz, Load cell (Weight, Force), Potential (Angle, Level), ACV, ACA, DCV, DCA, WATT....
- * Control output : 2 points (COM, NO).
- * Alarm output : 2 points (COM, NO).
- * DC voltage power supply output.
- * RS232/USB computer interface.
- * Power : 90 ACV to 260 ACV, 50/60 Hz.
- * DIN size : 96 x 48 mm. Depth : 107 mm.

