

4 to 20 mA

WIND DIRECTION TRANSMITTER

Model : TR-AD3W




Your purchase of this WIND DIRECTION TRANSMITTER marks a step forward for you into the field of precision measurement.

Although this TRANSMITTER is a complex and delicate instrument, its durable structure developed. Please read the following instructions carefully and always keep this manual within easy reach.

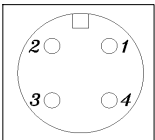
OPERATION MANUAL

1. SPECIFICATIONS

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 <i>Remark :</i> <i>360 degrees are equal to 16 equal portions</i> <i>22.5 degrees/ 1 mA.</i>
3 wires connection	* 3 wires : Brown (+ Vcc), White (+ Iout), Blue (Ground).
Typical load resistance	< 250 ohm.
Body material	Aluminum alloy.
Vane material :	Stainless steel.
Operating Temperature	-20 to 80 °C.
Operating humidity	0 to 90 %RH.
Protection class	IP65.
Accessory included	Cable plug with 3 wires

Application	<p>When TR-AD3W cooperate the 4-20 mA Controller/Alarm/Indicator CT-2012, then whole system will become the high performance Wind Direction Controller/Alarm/Indicator</p>  <p>CT-2012</p>
-------------	---

2. WIRES CONNECTION

Connectoor	Serial No.	Wiring Method	
	1	+ Vcc	Brown
	2	+ Iout	White
	3	GND	Blue
		Shield	Bare wire