



METEOROLOGICAL EQUIPMENT

ED-261-1 Transmitter

FEATURES

- 0->1,2KHz measurement.
- 3-Wire Transmitter.
- No moving parts.
- Wide Supply Range.
- Suits inside the ED Cup-Anemometer.

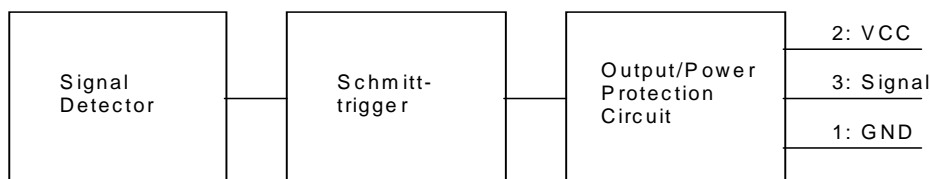
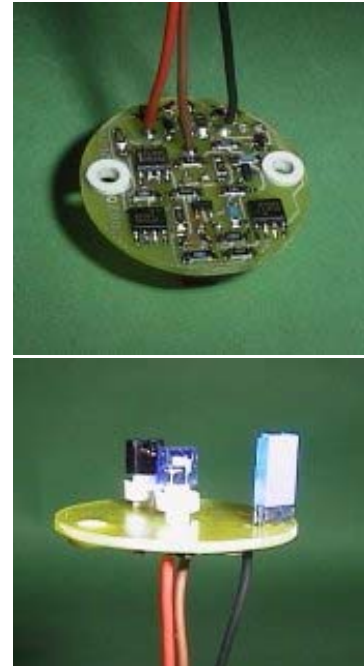
APPLICATIONS

- Wind Speed Measurement Systems with few components.
- Easy Interfacing with Industrial PLC- and CTS-Systems.

TECHNICAL DESCRIPTION:

The ED-261-1 Transmitter uses an opto coupler for generating 2 pulses per revolution (optional 12 pulses per revolution). The signal from the opto coupler is supplied to a Schmitt-trigger for suppression of error pulses at low speed.

The output signal is switching from 0V to VCC -0,6V. The output signal is pulled up with a 10K resistor. Internal on-board there is a jumper which switch between the pull-up resistor and an open collector output.



TECHNICAL SPECIFICATIONS FOR ED-261-1 Transmitter.

Measuring Range :

0 - >1,2KHz.

Output Signal :

Pulse out (10K pull-up to VCC) or
Pulse out open collector

Power Supply :

VCC = 5-24 VDC 10%.
Current consumption 3,0mA (no pull-up)

Operating Temperature :

-40 to +70°C

Electrical Connections

Terminal 1: GND
Terminal 2: VCC
Terminal 3: Signal

Options:

1: Open Collector
2: AC-Filter for NRG Dataloggers

Mechanical Specifications :

Height 20 mm.
Diameter 33 mm.
Weight 10 g.

EU Declaration of Conformity :

EN61000-6-3 Emission.
EN61000-6-2 Immunity.

Warranty :

One Year against faulty materials
or workmanship.

Maintenance

None.

Serial no.: _____

Option: _____

Date: _____

Sign: _____