

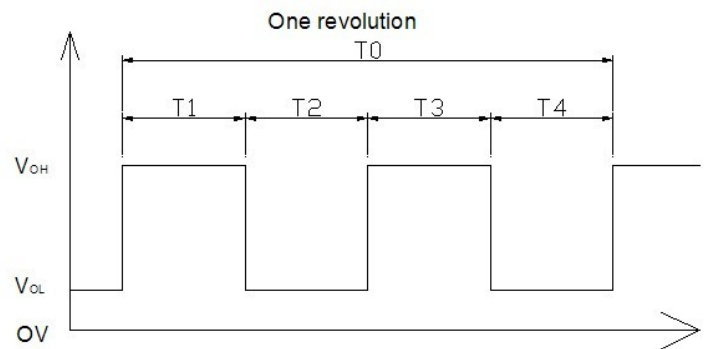
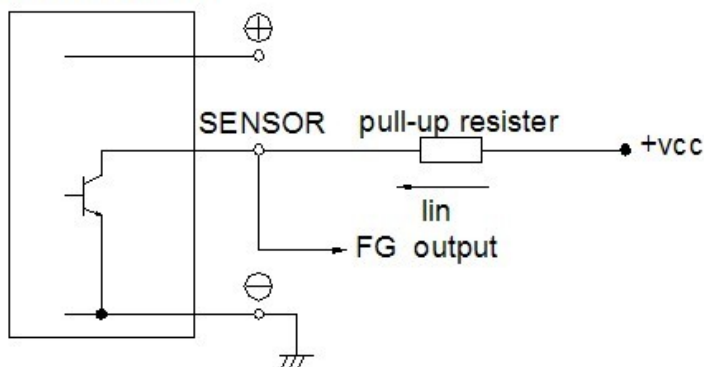
FG and RD Function Introduction

FG (Tach output type) Connection Diagram

Fan with FG function will create a square wave output. You can know fan speed by sensing the output wave Frequency. Most dc fan have four pole. So when fan run for one round, there will be two high level pulse. About other Multipole brushless fan, high level pulse will be different.

But please notice if you want to sense its output wave, there is an external circuit. Please check the circuit Diagram below. There is no pull-up and VCC value limit. But please notice the Max I_{in} have to be small than 20mA.

Inside of DC fan



RD (Alarm output) connection Diagram

Some fan have RD extra function. There is an alarm signal output when fan stop work. Please notice there are Two kinds of signal output. Different customer will need different alarm type. Please check the diagram below.

Inside of DC fan

