

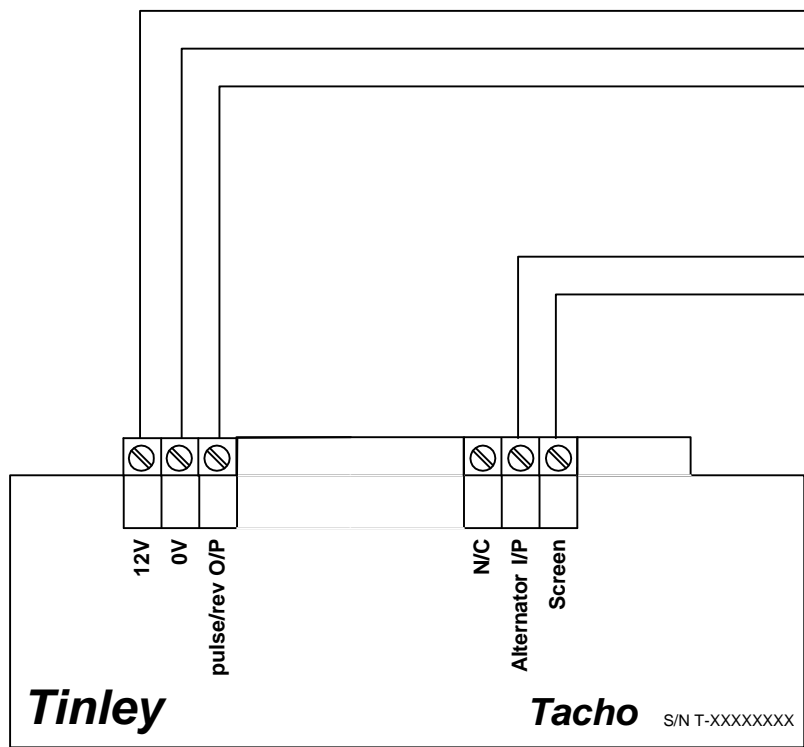
"Tacho" Installation Diagram

Software Version 1.00

Calibration:

Hydra calibration should be left as factory standard 1.00 pulse per rev.

1. Power up unit with 'SET' button pressed
Unit will output 1000 rpm (16.67 Hz) for testing purposes.
2. Run engine at a known 1000 rpm and press 'SET' button. Unit measures the engine speed but does not store it yet. If you power the unit down at this point the unit resets to factory default settings, (350 Hz input = 1000rpm 16.67 Hz output).
3. Press the 'SET' button to store the calibration and resume normal operation.



B&G Hydra Expansion Connections:

- 18 - 12V Supply (Less than 40mA)
- 17 - 0V Ground
- 44 - RPM Input (1 pulse per rev)

Alternator connection:

Rev-counter/Tachometer output terminal on alternator is typically marked with 'T', 'W' or 'R'

Ground of alternator may be connected to screen

Alternator output required:

- Minimum voltage: 7 Volts pk-pk
- Maximum voltage: 50 Volts pk-pk
- Minimum frequency @ 1000 rpm: 100 Hz
- Maximum frequency @ 1000 rpm: 1kHz