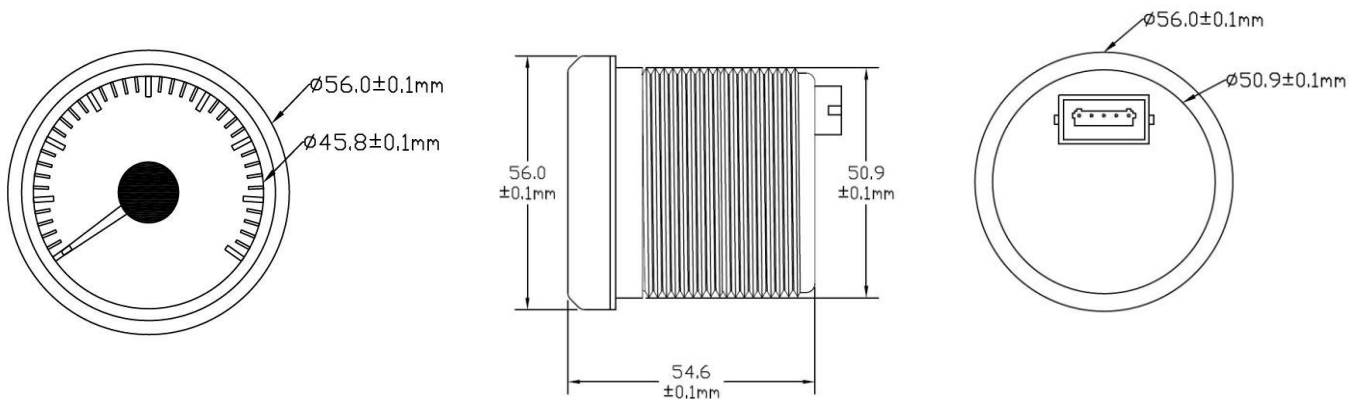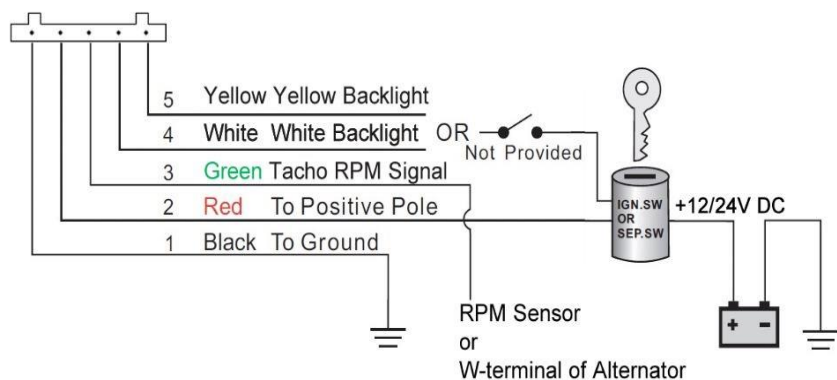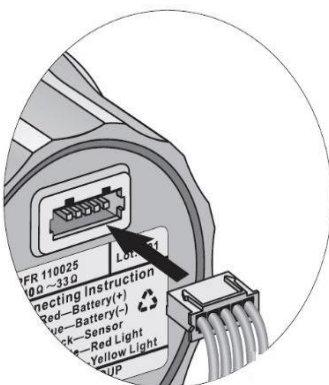# Technical Information Sheet

Part No. 0-525-40

12/24 volt 0-8000rpm tacho marine gauge. LED illumination in either white or yellow, plastic cased and with stainless steel bezel. Screw collar type fitting.

Fitting

1. Cut a 52mm (2 1/16 inch) diameter panel hole.
   Save a minimum of 55mm (2 3/16 inch) of depth behind the panel to fit the gauge.
2. Remove the fastening ring.
3. Fit cables through panel hole and insert connector into back of gauge.
4. Insert gauge through panel from the front, fit and tighten fastening ring from the rear checking the position of the gauge before tightening.
5. Connect cables by following the below instructions.

Wiring

5	Yellow	Yellow Backlight
4	White	White Backlight
3	Green	Tacho RPM Signal
2	Red	To Positive Pole
1	Black	To Ground

OR Not Provided

IGN.SW OR SEP.SW   +12/24V DC

RPM Sensor
or
W-terminal of Alternator

1. Black –   to Common Ground (-)
2. Red –   to Positive (+)
3. Green –   to the tacho rpm signal
4. White –   for the white backlight (+)
5. Orange –   for the yellow backlight (+)

Programming

1. Power on the gauge then search for the Wifi SSID as below on your PC or mobile phone.
   WIFI SSID: S190A-xxxxxx (SSID starts with S190A for the tacho wifi)
   Password: 12345678
2. Scan the code or input the IP address to your browser after connecting to the tacho Wifi:
   http://192.168.4.1/1.php

3. Change the pulse/rpm according to where the speed signal is taken from. If from the "W" terminal then the pulse per rpm is half the number of cylinders (i.e. 4 cylinder = 2 pulses per rpm, 6 cylinder = 3 pulses, etc). If the pulse is taken from the alternator then the number of pulses is dependant on the pulley ratio (i.e if the ratio is 2:1 then the number of pulses per rpm is 0.5).
4. To modify the password (default is "0") change it and then confirm the new password at the bottom of the screen.
5. All other settings are pre-set by the manufacturer.

Specification

Gauge Type	Panel mount tachometer marine gauge
Voltage	12/24 volt DC
Pulse/RPM	0.5 - 327
Illumination	Choice of white or yellow
Cable Length	600mm
Panel cut out	52mm dia
Max panel depth	25mm
Protection	IP67 (from the front)
Body Material	Plastic
Bezel Material	Stainless steel
Weight	115g
Dimensions	See diagram above

The information provided in this document is correct to the best of our knowledge at time of printing. However, specifications may change at any time without notice.