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- 8 and 16 Amp Light Dimmers
- Battery Voltage Monitors/Alarms
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- 4 & 8 Channel NMEA Combiners/RS-232 Convertors
- Engine/Exhaust Temperature Monitor/Alarm

Full details at <http://www.cruzpro.com>
 Email to: info@cruzpro.com

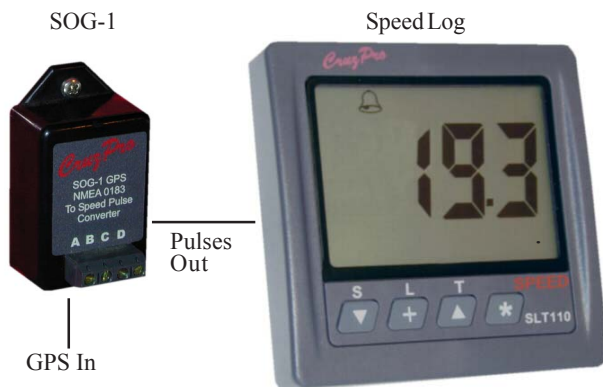
CruzPro® SOG-1



GPS NMEA 0183 to Paddlewheel Speed Pulse Converter

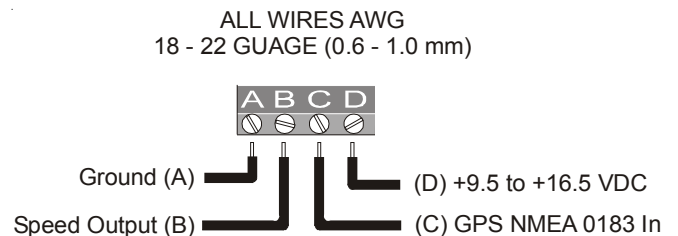
Introduction

The SOG-1 is a small electronic module that takes speed over the ground (SOG) data from a GPS and creates a paddlewheel speed signal that can be used by electronic speed logs in place of a paddle wheel speed transducer.



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Wire the SOG-1 as shown here:



Notes:

- a) Output is 22,000 pulses per nautical mile
- b) Valid output from 0.01 to 65.00 knots
- c) GPS NMEA 0183 "\$GPRMC" sentence required
- d) Output goes to zero if a valid "\$GPRMC" sentence not received for 15-30 seconds.
- e) Power: +12V at 0.020 amps nominal.