



Female Face View

S1, S2, S3, S4 Sensor Connector Pin Out

Pin	Signal	Description
1	PPS	VMC PPS
2	13.4V	AMPS BBR Output
3	TX	VMC UART/MAX3060E Driver
4	RX	VMC UART/MAX3060E Driver
5	RTS	VMC UART/MAX3060E Driver
6	CTS	VMC UART/MAX3060E Driver
7	GND	System Ground
8	GPS	VMC GPS

The following tables provide information on each of the S Port pins listed in the Pin Out table for the S1, S2, S3, and S4 connectors.

Table 3.3. Pins 1 and 8

Signal Type	Description
PPS and GPS	The PPS signal is a 100ms pulse - once per second, with positive polarity RS-232 pulses. The GPS data output is a 9600 baud, RS-232 NMEA format serial