

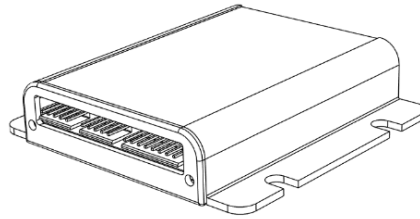


RV ELECTRONICS
MANUFACTURER OF RECREATIONAL VEHICLE ACCESSORIES



CARAVAN
CAMPER TRAILER
4WD'S
RV'S
TRADIES

4 CHANNEL SSC INSTRUCTIONS



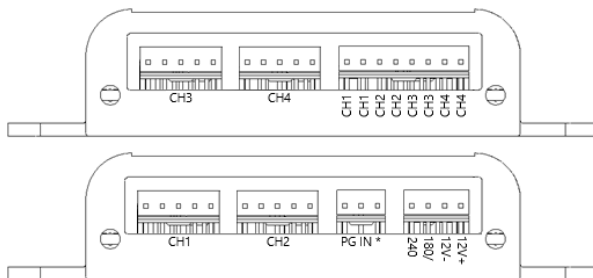
The RV Electronics 4 channel Smart Signal Converter is designed to easily convert the RVE range of standard sensors or any other manufacturers sensor that uses the 5 wire connection points to either EU 0-180 ohm or US style 240-33 ohm output for use with different management systems. Channel 2 can be used with either a standard or RVE programmable sensor (PG IN) for use with a grey tank.

1- Installation

- Install the SSC in a suitable dry location as it is not waterproof, making sure the sender cables and output/power wires will reach the senders and display unit.

2- Wiring

- Ensuring the power supply has suitable protection with a fuse of 5A, connect the interface loom and necessary wires to your display unit.



*To use a programmable sender, connect to PG IN before powering up the unit and make sure CH2 is left unplugged.

8 CHANNEL CONNECTOR

CHANNEL	WIRE COLOUR
CH1	
CH1	
CH2/PG	
CH2/PG	
CH3	
CH3	
CH4	
CH4	

4 CHANNEL CONNECTOR

CHANNEL	WIRE COLOUR
12V+	
12V-	
0-180/*	
240-33 *	

*For EU 0-180 output leave connected, for US 240-33 cut and cover bare end.

3- Set display parameters

- To system is factory set to 0-180ohm output but can be changed by cutting the joined blue and white. Make sure you cover the bare ends.
- Plug the senders into the signal converter before connecting power. On power up the converter will identify the sensor connected and output the correct signal.
- If using the standard style sensors, simply use 50 ohm for empty and 180 ohm for full.
- If using the programmable sensor, configure the input parameters on your display to match the output of the signal converter. This may be necessary if the sender does not make a full sweep (eg: a shallow tank would only need 50-130 ohm).
- For more information on programming specific systems, please visit our website.