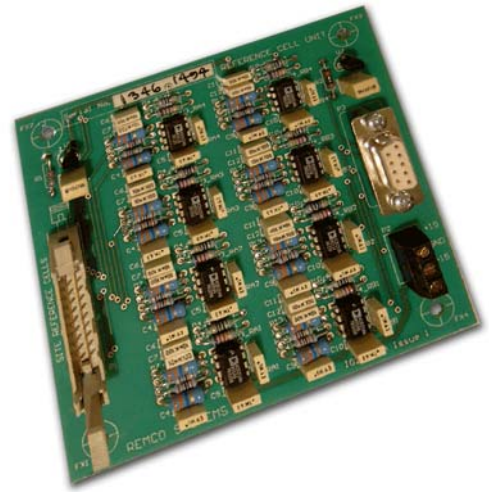




**Corrocell Limited**



## RCU 8 Isolation Eight Channel Input Conditioners

The **RCU 8 Isolation Eight Channel Input Conditioners** are part of the Remco range which offers the following benefits:

- **Din Rail Mounted.**
- **Signal Input Range +/- 2000mVDC**
- **0-10V Output Range**
- **Minimum signal input impedance of 94MΩ (RCU 4 & 8)**
- **Input Vcm range +/- 5V**
- **Requires +/- 15VDC supply**
- **Continuous 230VAC/DC over voltage protection**
- **A range of input/output voltages, supply voltages and 4-20mA current loops available**

We offer a wide range of Signal Conditioning Units (also known as Signal Conditioning Amplifiers). DIN rail mounted units find favour in most industrial applications, but we will provide the units in any enclosure to meet customers' requirements. Typical applications are process control and cathodic protection systems. A typical cathodic protection scheme will have at least two different types of signal conditioning amplifier, for example one to measure the voltage from a half-cell, and another to measure the current from a [d.c. power regulator](#).

Type	Signal Input Range	Output Range	Minimum signal input impedance	Input Vcm Range	Supplies required
<a href="#">REQ1P</a>	±2V	0 to 10V	94MΩ	±5V	±15V
<a href="#">REQ2P</a>	±100mV	±10V	200kΩ	±24V	±15V
<a href="#">REQ3P</a>	±500mV	0 to 10V	94MΩ	±5V	±15V
<a href="#">REQ4P</a>	±2V	0 to 10V	2GΩ	±5V	±15V
<a href="#">REQ5P</a>	±200mV	±10V	200kΩ	±24V	±15V
<a href="#">REQ6P</a>	±60mV	±10V	200kΩ	±24V	±15V
<a href="#">REQ7P</a>	± 20mV	±10V	94MΩ	±5V	±15V
<a href="#">REQ8P</a>	±1V	±10V	200kΩ	±50V	±15V
<a href="#">REQ9P</a>	0-10V (twice)	0 to 10V	2kΩ	0 to 10V	±15V
<a href="#">RCU 4</a>	±2V	0 to 10V	94MΩ	0 to 10V	±15V
<a href="#">RCU 8</a>	±2V	0 to 10V	94MΩ	0 to 10V	±15V



Due to Remco's policy of continuous improvements these specifications may be upgraded without notice.



**Corrocell Limited POWERTRON**

**Structural Management System**