

# Shimpo RE1B Rotary Pulse Generator - RE1B-1000C

## Description

Shimpo RE1B-1000C is a solid state rotary pulse generator which produces 1000 digital pulses per shaft revolution.

## Specifications

|                       |                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| Resolution:           | 1000 pulses per revolution                                                           |
| Maximum speed:        | 1800 RPM                                                                             |
| Power supply:         | 4.75 - 30VDC, 50mA (max)                                                             |
| Output Voltage:       | logic "1" ... $V_s - 2.5V$ , 10mA (max)<br>logic "0" ... less than 0.4V, 30 mA (max) |
| Shaft torque:         | 0.41 oz-in, 30g-cm (max)                                                             |
| Shaft allowable load: | Overhung load 11 lbs.<br>Thrust load 6.6 lbs.                                        |
| Cable Length:         | 3 ft.                                                                                |
| Operation Temp.:      | 14° to 122°F (-10° to 50°C)                                                          |
| Weight:               | 8.8 oz (250g)                                                                        |
| Construction:         | Die-cast aluminum housing                                                            |
| Mounting:             | Base or face mounting                                                                |

**Note:** Additional PPR available.

## Connections

|       |           |
|-------|-----------|
| BRAID | EARTH GND |
| RED   | +VDC      |
| GREEN | SIGNAL    |
| BLACK | GND       |



## Dimensions

