

p/n: MSLSC-RC-5V-WP

+/-5 VDC Signal Conditioner with Weather-Proof Enclosure



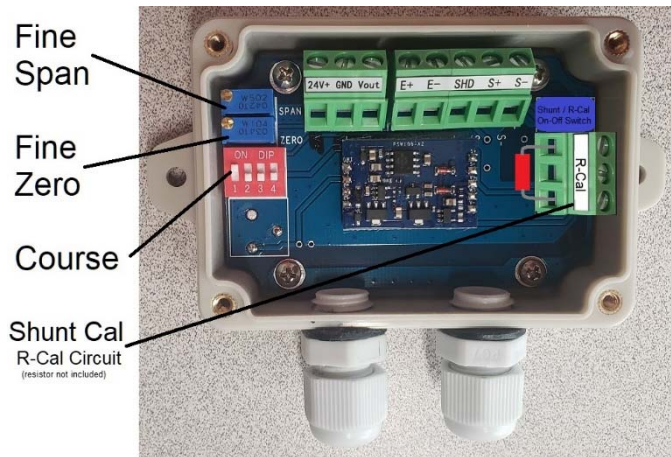
Features:

- High accuracy precision differential amplifier
- Designed for use in harsh environments
- Low thermal error, operate from -40 to +125 C
- Fast Response Time: 1 mS (1000 Hz)
- “Gland Nut” connections for in and out cables
- Screw terminals, internal (for wire terminations)
- Course & Fine Zero & Span Adjustments
- Activate R-CAL (Shunt Cal) with internal switch

Specifications:

- Power Supply: 8-30 VDC @ 90 mA max
- Input: +/-1.4 to +/-4.2 mV/V
- Output: +/-5 VDC
- Bridge Excitation: 5 VDC max
- Bridge Resistance: 300 - 1000 Ohms
- Non-linearity: $\pm 0.005\%$ FS
- Temperature drift: 35 ppm/ $^{\circ}$ C
- Long term stability: $\pm 0.08\%$ FS/year
- Output Noise: ± 2 mV max
- Over voltage protection: ≤ 40 VDC
- Reverse polarity protection: ≤ 40 VDC

Internal Adjustments:

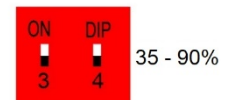
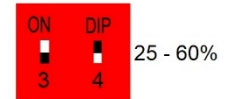
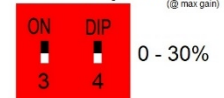


DIP Switch Settings

Gain Adjustment (@ 5V out)



Zero Adjustment (@ max gain)



Dimensions:

