

PROCOMP 2 ENCODER SPECIFICATIONS

Approx. Size	2 ½" x 2 ³/₁₆" x ⁵/₈" (64mm x 56mm x 16mm)
Approx. Weight w/o Batteries	40 g
Input Impedance (Input A)	>1,000,000 mΩ
Input Impedance (Input B, C, D)	>2 mΩ
Resolution (Input A only)	≤0.1 μV RMS
Signal Input Range (Input A)	0-200 μV RMS
Signal Input Range (Input B, C, D)	2.0V – 3.6V
CMRR (Input A)	≥-130 @ 2 Hz to 45 Hz
Channel Bandwidth	0 Hz – 45 Hz
Sample Rate/Channel (A, B)	200 OR 256 samples/second
Sample Rate/Channel (C, D)	20 or 32 samples/second
Supply Voltage	1.0V – 1.6V
Current Consumption	75 mA - 150 mA @ 1.5 V
Battery Life (Alkaline)	10 Hours (minimum)
Low Battery Warning	1.1 V ± 0.2 V
Data Output Protocol	19.2 or 38.4 Kbaud, 8 Bits, 1 Stop, No Parity
Analog to Digital Conversion	13 bits