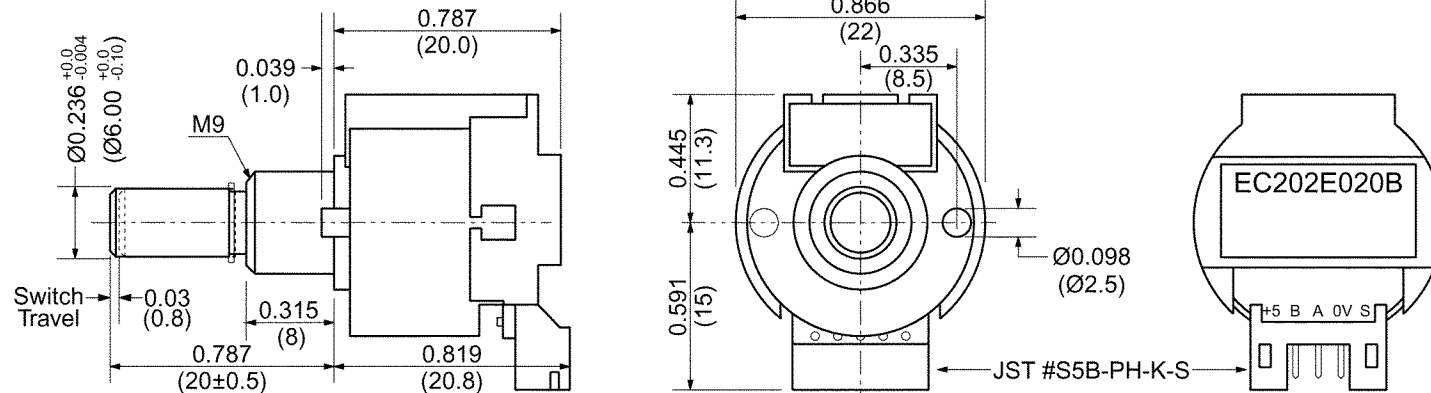


PANEL MOUNT WITH SWITCH 2 Million Cycles

© CUI Inc., 2001

✓ *Extended Life* ✓ *Metal Shaft* ✓ *Rugged Design*



SPECIFICATIONS

ELECTRICAL

1. Input Voltage: 5.0 VDC $\pm 5\%$
2. Resolution: 20 PPR
3. Current Consumption: 26mA nominal; 30mA max.
4. Output Voltage: High: 4.2Vmin
Low: 0.4Vmax
5. Max. Freq. Response: 500 Hz

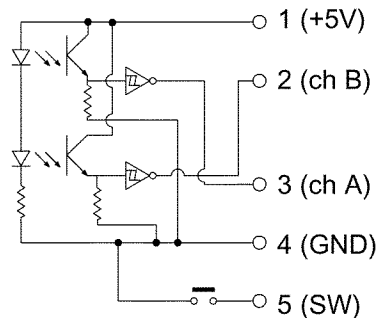
MECHANICAL

1. Max Shaft Load, radial: 1.0 kgf
axial: 1.0 kgf
2. Rotational Angle: 360° continuous
3. Starting Torque: 50 gf•cm max.
4. Maximum Speed: 210 RPM
5. Rotational Life: 2,000,000

ENVIRONMENTAL

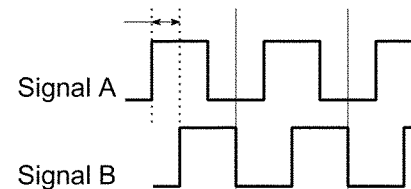
1. Operating Temp: 0° to +60° C
2. Storage Temp: -20° to +80° C
3. Humidity: 85% RH, no condensation
4. Vibration: 10 - 55 Hz, 1.5 mm, 2 hrs
5. Shock: 50G, 6ms, 3 axes, 3 reps

OUTPUT CIRCUIT



OUTPUT WAVEFORM

Clockwise rotation viewed from front



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