

Encoder Test Report

Serial No: ENG1

Part No: XR35XY1CDU0EA000

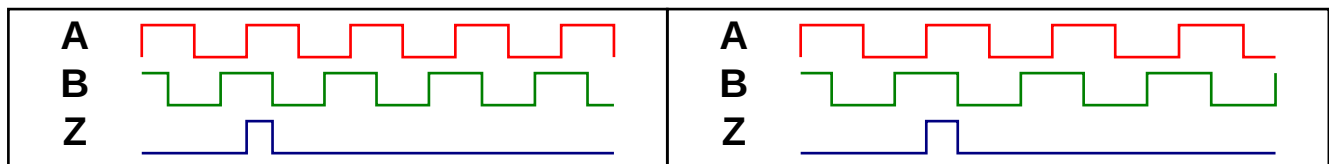
Test Date: 5 May 2025

Tested By: Eric D

Clockwise A/B

Output A	Output B	Output Z	Test Parameters
PPR: 1024 High To Low Ratio Min: 49.5 @ 221 Max: 50.5 @ 586 Avg: 50.0 Complement /A PPR: 1024	PPR: 1024 High To Low Ratio Min: 49.5 @ 477 Max: 50.4 @ 720 Avg: 50.0 Complement /B PPR: 1024	PPR: 1 Phase Angle A/B Min: -100.4 @ 1023 Max: -88.8 @ 578 Avg: -90.0 >>>> Clockwise A/B	Freq: 0.97 kHz RPM: 75 RPM Current: 59 mA Voltage: 5V Ref: Z Input: PP

Clockwise A/B



Anticlockwise B/A

Anticlockwise B/A

Output A	Output B	Output Z	Test Parameters
PPR: 1024 High To Low Ratio Min: 49.3 @ 77 Max: 50.6 @ 90 Avg: 50.0 Complement /A PPR: 1024	PPR: 1024 High To Low Ratio Min: 49.3 @ 77 Max: 50.6 @ 90 Avg: 50.0 Complement /B PPR: 1024	PPR: 1 Phase Angle A/B Min: -91.8 @ 65 Max: -70.0 @ 1023 Avg: -90.0 <<<< Anticlockwise B/A	Freq: 0.77 kHz RPM: 62 RPM Current: 59 mA Voltage: 5V Ref: Z Input: PP

Comments

Test Report