

Single Axis QC Report for Linear / Voice Coil

Axis Information for _____

Axis/ Stage Model Number: _____

Serial Number: _____

Motor Information

Motor Part Number: _____

- | | | |
|---|---|----------------------------|
| 1) Resistance (M1-M2 / M2-M3 / M3-M1) | : | _____ / _____ / _____ (Ω) |
| 2) Inductance (L1-L2 / L2-L3 / L3-L1) | : | _____ / _____ / _____ (mH) |
| 3) PE to Phase Verification (PE-M1 / PE-M2 / PE-M3) | : | OPEN CIRCUIT >> |
| 4) PE to Temperature Wires | : | OPEN CIRCUIT >> |
| 5) Temperature Sensor | : | _____ (Ω) |
| 6) PE to all HALL Sensor Wires (> 200MΩ) | : | |
| 7) Ferrite Bead Attached | : | |
| 8) Hall Connector (Linear Motor Only) | : | |
| 9) PE to Motor Track | : | _____ (Ω) |

Encoder Information



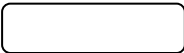
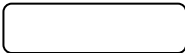

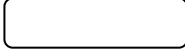
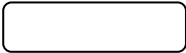
Encoder Model: _____ Encoder Cable Connector: _____
 PE to Encoder Casing: _____ (Ω)
 Encoder Output Type: SINCOS: _____ (scale pitch in um)
 TTL: _____ (scale pitch in um) / _____ (interpolation) = _____ (resolution in um)
 Absolute: _____ (resolution in um) _____ (protocol)

Controller/Driver Information (for this QC)

Model Part Number: _____ OP Mode: _____
 Firmware Download: _____ Parameter Download: _____

Module Information & Stroke Verification

UOM: _____

	LEFT LIMIT	REFERENCE	RIGHT LIMIT	
				
Required Stroke: _____		Measured Stroke: _____		PASS FAIL
Burn-in duration: _____ min _____ (Stroke Cycles)				

Stiction: _____ (N)

PE to Module Body: _____ (Ω)

Force Constant: _____ (N/A), _____ (N/Arms)

Tested By: _____

Verified By: _____

Date: _____

Signature: _____

Signature: _____