

**System****Info****Hardware****Device**

Type:

Serial No High: n.a.

Serial No Low: n.a.

Serial Number:

Article Number:

**Memory**

Flash Type: n.a.

EEPROM Type: n.a.

RAM Type: n.a.

**Software**

Release: n.a.

Monitor: n.a.

Base: n.a.

Application: n.a.

Application 2: n.a.

Tree Type: n.a.

Tree Version: n.a.

ID Switch Position: 0

**Passwords**

User:

**Error Handling****Error Mask:**

DCLV Power Too Low: On

DCLV Power Too High: On

DCLV Signal Too Low: On

DCLV Signal Too High: On

Electronic Fault: On

**Warn Mask:**

DCLV Power Low: On

DCLV Power High: On

DCLV Signal Low: On

DCLV Signal High: On

Electronic Fault: On

**Msg Mask:**

DCLV Power Too Low: Off

DCLV Power Too High: Off

DCLV Signal Too Low: Off

DCLV Signal Too High: Off

Electronic Fault: Off

Drive Type Mismatch: Off

Curve Error: Off

Slider Missing: Off

Init Failed: Off

Drive Following Error: Off

Drive Too Hot Calculated: Off

Drive Too Hot Sensor: Off

In Position: Off

**Logging Mask:**

DCLV Power Too Low: On

DCLV Power Too High: On  
DCLV Signal Too Low: On  
DCLV Signal Too High: On  
Electronic Fault: On  
Drive Type Mismatch: On  
Curve Error: On  
Slider Missing: On  
Init Failed: On  
Drive Following Error: Off  
Drive Too Hot Calculated: On  
Drive Too Hot Sensor: On

**DCLV Monitoring**

Power Low Warn: 42.246 V  
Power High Warn: 76.289 V  
Power Low Error: 36.504 V  
Power High Error: 79.468 V  
Signal Low Warn: 21.123 V  
Signal High Warn: 50.859 V  
Signal Low Error: 18.252 V  
Signal High Error: 53.73 V

**Startup Mode:**

Auto Start: Off  
Init Together: Off

**IO Configuration:**

Run Input: Off  
Init Input: Off  
Freeze Input: Off  
Emerg Stop Input: Off  
Analog/Trig Drive A: Off  
Analog/Trig Drive B: Off  
Analog/Trig Drive C: Off  
Analog/Trig Drive D: Off  
Error Output: On  
Warn Output: On  
Pos Error Output: On  
Msg Output: Off

Command Interface: ASCII RS232

**Time**

Hours: 0 h  
Seconds: 0 s

**Drives****Drive A**

Type: LinMot P0x-37

**Initialization**

Init Mode: Auto Move In

**Init Switches:**

Init Once: Off

**Init Config**

Init Speed: 48.828 mm/s  
Maximal Init Current: 100 %  
Home Position: 0 mm  
Check Init Position: 0 mm  
Initial Position: 0 mm

**Set Value Generation**

Run Mode: Serial

**Set Value Configuration**

Minimal Position: 0 mm (\$E016, 0.01953)

Maximal Position: 355.993 mm (\$E018, 0.01953)

Curve Position Offset: 0 mm (\$E088, 0.01953)

Curve Amplitude: 100 % (\$E080, 0.0244140625)

Curve Speed: 100 % (\$E026, 0.0244140625)

**Filter Parameter**

Max Speed: 0.781 m/s (\$E030, 0.000190734863)

Max Acceleration: 30.518 m/s<sup>2</sup> (\$E032, 0.238419)**Position Monitoring**

Pos Range Min : -9.999 mm (\$E01A, 0.01953)

Pos Range Max: 9.999 mm (\$E01C, 0.01953)

In Position -: 0.996 mm (\$E086, 0.01953)

In Position +: 0.996 mm (\$E08C, 0.01953)

Following Error - : 2.5 mm (\$E020, 0.01953)

Following Error + : 2.5 mm (\$E01E, 0.01953)

**Control Parameters**

Maximal Current: 4.984 A (\$E046, 0.0234)

Current Offset: 0 A (\$E0B2, 0.0234)

P: 0.999 A/mm (\$E0A8, 0.00234)

D: 3.99 A/(m/s) (\$E0AA, 0.015)

I: 0 A/(mm\*s) (\$E0AE, 0.0457)

FF Friction: 0 A (\$E0B4, 0.0234)

FF Acceleration: 0 mA/(m/s<sup>2</sup>) (\$E0AC, 0.1)FF Deceleration: 0 mA/(m/s<sup>2</sup>) (\$E0B0, 0.1)

Noise Dead Band: 0 um (\$C040, 19.53)

**Error Handling****Error Mask:**

Drive Type Mismatch: On

Curve Error: On

Slider Missing: On

Init Failed: On

Drive Following Error: Off

Drive Too Hot Calculated: On

Drive Too Hot Sensor: On

**Warn Mask:**

Slider Missing: On

Drive Init Not Done: On

Drive Following Error: On

Pos Range Indicator: On

Drive Hot Calculated: On

Drive Hot Sensor: On

In Position: Off

**Emergency Stop**

Emergency Stop Mode: Off

**Emergency Configuration**

Max Speed: 0.781 m/s (\$E070, 0.000190734863)

Max Acceleration: 30.518 m/s<sup>2</sup> (\$E072, 0.238419)**Advanced**

Commutation: Sine (Default)

Master / Booster: Master

Position Sensor: Internal Sensor 20um

**Drive B**

Type: LinMot P0x-37

**Initialization**

Init Mode: Auto Move In

**Init Switches:**

Init Once: Off

**Init Config**

Init Speed: 48.828 mm/s

Maximal Init Current: 100 %

Home Position: 0 mm

Check Init Position: 300 mm

Initial Position: 0 mm

**Set Value Generation**

Run Mode: Serial

**Set Value Configuration**

Minimal Position: 0 mm (\$E0D6, 0.01953)

Maximal Position: 355.993 mm (\$E0D8, 0.01953)

Curve Position Offset: 0 mm (\$E148, 0.01953)

Curve Amplitude: 100 % (\$E140, 0.0244140625)

Curve Speed: 100 % (\$E0E6, 0.0244140625)

**Filter Parameter**

Max Speed: 0.781 m/s (\$E0F0, 0.000190734863)

Max Acceleration: 30.518 m/s<sup>2</sup> (\$E0F2, 0.238419)

**Position Monitoring**

Pos Range Min : -9.999 mm (\$E0DA, 0.01953)

Pos Range Max: 9.999 mm (\$E0DC, 0.01953)

In Position -: 0.996 mm (\$E146, 0.01953)

In Position +: 0.996 mm (\$E14C, 0.01953)

Following Error - : 2.5 mm (\$E0E0, 0.01953)

Following Error + : 2.5 mm (\$E0DE, 0.01953)

**Control Parameters**

Maximal Current: 4.984 A (\$E106, 0.0234)

Current Offset: 0 A (\$E172, 0.0234)

P: 0.999 A/mm (\$E168, 0.00234)

D: 3.99 A/(m/s) (\$E16A, 0.015)

I: 0 A/(mm\*s) (\$E16E, 0.0457)

FF Friction: 0 A (\$E174, 0.0234)

FF Acceleration: 0 mA/(m/s<sup>2</sup>) (\$E16C, 0.1)

FF Deceleration: 0 mA/(m/s<sup>2</sup>) (\$E170, 0.1)

Noise Dead Band: 0 um (\$C100, 19.53)

**Error Handling****Error Mask:**

Drive Type Mismatch: On

Curve Error: On

Slider Missing: On

Init Failed: On

Drive Following Error: Off

Drive Too Hot Calculated: On

Drive Too Hot Sensor: On

**Warn Mask:**

Slider Missing: On

Drive Init Not Done: On

Drive Following Error: On  
Pos Range Indicator: On  
Drive Hot Calculated: On  
Drive Hot Sensor: On  
In Position: Off

**Emergency Stop**

Emergency Stop Mode: Off

**Emergency Configuration**

Max Speed: 0.781 m/s (\$E130, 0.000190734863)  
Max Acceleration: 30.518 m/s<sup>2</sup> (\$E132, 0.238419)

**Advanced**

Commutation: Sine (Default)  
Master / Booster: Master  
Position Sensor: Internal Sensor 20um

**Drive C**

Type: LinMot P0x-37

**Initialization**

Init Mode: Auto Move In

**Init Switches:**

Init Once: Off

**Init Config**

Init Speed: 48.828 mm/s  
Maximal Init Current: 100 %  
Home Position: 0 mm  
Check Init Position: 0 mm  
Initial Position: 0 mm

**Set Value Generation**

Run Mode: Serial

**Set Value Configuration**

Minimal Position: 0 mm (\$E196, 0.01953)  
Maximal Position: 355.993 mm (\$E198, 0.01953)  
Curve Position Offset: 0 mm (\$E208, 0.01953)  
Curve Amplitude: 100 % (\$E200, 0.0244140625)  
Curve Speed: 100 % (\$E1A6, 0.0244140625)

**Filter Parameter**

Max Speed: 0.781 m/s (\$E1B0, 0.000190734863)  
Max Acceleration: 30.518 m/s<sup>2</sup> (\$E1B2, 0.238419)

**Position Monitoring**

Pos Range Min : -9.999 mm (\$E19A, 0.01953)  
Pos Range Max: 9.999 mm (\$E19C, 0.01953)  
In Position -: 0.996 mm (\$E206, 0.01953)  
In Position +: 0.996 mm (\$E20C, 0.01953)  
Following Error - : 2.5 mm (\$E1A0, 0.01953)  
Following Error + : 2.5 mm (\$E19E, 0.01953)

**Control Parameters**

Maximal Current: 4.984 A (\$E1C6, 0.0234)  
Current Offset: 0 A (\$E232, 0.0234)  
P: 0.999 A/mm (\$E228, 0.00234)  
D: 3.99 A/(m/s) (\$E22A, 0.015)  
I: 0 A/(mm\*s) (\$E22E, 0.0457)  
FF Friction: 0 A (\$E234, 0.0234)  
FF Acceleration: 0 mA/(m/s<sup>2</sup>) (\$E22C, 0.1)  
FF Deceleration: 0 mA/(m/s<sup>2</sup>) (\$E230, 0.1)

Noise Dead Band: 0 um (\$C1C0, 19.53)

**Error Handling****Error Mask:**

Drive Type Mismatch: On  
Curve Error: On  
Slider Missing: On  
Init Failed: On  
Drive Following Error: Off  
Drive Too Hot Calculated: On  
Drive Too Hot Sensor: On

**Warn Mask:**

Slider Missing: On  
Drive Init Not Done: On  
Drive Following Error: On  
Pos Range Indicator: On  
Drive Hot Calculated: On  
Drive Hot Sensor: On  
In Position: Off

**Emergency Stop**

Emergency Stop Mode: Off

**Emergency Configuration**

Max Speed: 0.781 m/s (\$E1F0, 0.000190734863)  
Max Acceleration: 30.518 m/s<sup>2</sup> (\$E1F2, 0.238419)

**Advanced**

Commutation: Sine (Default)  
Master / Booster: Master  
Position Sensor: Internal Sensor 20um

**Drive D**

Type: LinMot P0x-37

**Initialization**

Init Mode: Auto Move In

**Init Switches:**

Init Once: Off

**Init Config**

Init Speed: 48.828 mm/s  
Maximal Init Current: 100 %  
Home Position: 0 mm  
Check Init Position: 300 mm  
Initial Position: 0 mm

**Set Value Generation**

Run Mode: Serial

**Set Value Configuration**

Minimal Position: 0 mm (\$E256, 0.01953)  
Maximal Position: 355.993 mm (\$E258, 0.01953)  
Curve Position Offset: 0 mm (\$E2C8, 0.01953)  
Curve Amplitude: 100 % (\$E2C0, 0.0244140625)  
Curve Speed: 100 % (\$E266, 0.0244140625)

**Filter Parameter**

Max Speed: 0.781 m/s (\$E270, 0.000190734863)  
Max Acceleration: 30.518 m/s<sup>2</sup> (\$E272, 0.238419)

**Position Monitoring**

Pos Range Min : -9.999 mm (\$E25A, 0.01953)  
Pos Range Max: 9.999 mm (\$E25C, 0.01953)

In Position -: 0.996 mm (\$E2C6, 0.01953)  
In Position +: 0.996 mm (\$E2CC, 0.01953)  
Following Error - : 2.5 mm (\$E260, 0.01953)  
Following Error + : 2.5 mm (\$E25E, 0.01953)

**Control Parameters**

Maximal Current: 4.984 A (\$E286, 0.0234)  
Current Offset: 0 A (\$E2F2, 0.0234)  
P: 0.999 A/mm (\$E2E8, 0.00234)  
D: 3.99 A/(m/s) (\$E2EA, 0.015)  
I: 0 A/(mm\*s) (\$E2EE, 0.0457)  
FF Friction: 0 A (\$E2F4, 0.0234)  
FF Acceleration: 0 mA/(m/s<sup>2</sup>) (\$E2EC, 0.1)  
FF Deceleration: 0 mA/(m/s<sup>2</sup>) (\$E2F0, 0.1)  
Noise Dead Band: 0 um (\$C280, 19.53)

**Error Handling****Error Mask:**

Drive Type Mismatch: On  
Curve Error: On  
Slider Missing: On  
Init Failed: On  
Drive Following Error: Off  
Drive Too Hot Calculated: On  
Drive Too Hot Sensor: On

**Warn Mask:**

Slider Missing: On  
Drive Init Not Done: On  
Drive Following Error: On  
Pos Range Indicator: On  
Drive Hot Calculated: On  
Drive Hot Sensor: On  
In Position: Off

**Emergency Stop**

Emergency Stop Mode: Off

**Emergency Configuration**

Max Speed: 0.781 m/s (\$E2B0, 0.000190734863)  
Max Acceleration: 30.518 m/s<sup>2</sup> (\$E2B2, 0.238419)

**Advanced**

Commutation: Sine (Default)  
Master / Booster: Master  
Position Sensor: Internal Sensor 20um