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# Nidec

x Nidec EtherCAT Slave

Test

## Servo

### Summary

- Date : 2020-05-12
- Master : COMI-LX552
- Sample
  - Driver : DB61241
  - Motor : MX201N2LN07
- ESI :
  - VendorID : 0x83C
  - Product Code : 0x20
  - RevisionNo : 0x10403
- CycleTime : 1ms

### Test Item : Setup

- XML Parsing
- PDO mapping
- EtherCAT State Machine
  - Init / PreOP / SafeOP / OP
- SyncMode : Distributed Clock
- Configured Station Alias

### Test Item : Operation

#### Cia 402 Drive Profile

- Servo On (Operation Enable / Disable)
- Alarm Reset
- ErrorCode Read

- Speed, Jerk Setup
- Move : CSP Mode
- Homing
  - Homing Speed
- MotionIO
  - Limit, Origin
  - Inposition : Not supported by PDO
- SDO Read / Write
- EEPROM, Register Read / Write

### Test Item : ToDo

- Touch Probe
- MotionIO Logic Change over EtherCAT

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