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MKS

x MKS EtherCAT Slave

Test

R*evolution

Summary

- Date : 2020-09-02
- Master : EtherCAT IP(LX558)
- Sample
 - AX7696
- ESI :
- VendorID : 0x50B
- Product Code : 7696
- RevisionNo : 2
- CycleTime : 1ms

Condition

- PC (Laptop)
 - CPU : Intel I5-7700
 - MainBoard :
 - RAM : 8G
- OS
 - Win7 x64

Test Item : Setup

- XML Parsing
- PDO mapping
- EtherCAT State Machine
 - Init / PreOP / SafeOP / OP
- SyncMode : FreeRun

• **Configured Station Alias**

Test Item : Operation

Cia 5003 Profile

- FreeRun , xml "SM-Freerun" 1.5.0.4 IDE
SM2 Event Mode
- 0x1600 , AI-State가 Pre-OP
 - AIStatusCode 0x1B¹⁾가
 - Watchdog disable
 - 0x1601
 - 0x1600 0x1601 object가 , 0x1600

1)

Sync manager watchdog : The slave did not receive process data within the specified watchdog time. Usually, the WD time is 100ms. The WD is re-started every time it receives new process data, usually when the Output SyncManager (SyncManager2) is written. For devices which have only inputs usually, no WD is used. Increasing the WD is not a solution. \r\n Reason: PLC stopped

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