

Table of Contents

Case 1	1
Cause	1
Solution	1

토크 확인 실패

× Torque가 항상 0으로 확인되는 경우에 대한 안내 페이지입니다.

Case 1

Cause

- InPDO Data에 Torque 관련 항목이 없음
- 이는 서보에서 마스터로 전달되는 주기적 데이터¹⁾에 토크 값이 포함되지 않는다는 의미입니다.

Solution

- InPDO Data에 Torque 관련 항목이 추가되도록 Configuration 진행
 - Torque 관련 항목이 포함된 PDO Map 선택 후 다운로드

The screenshot shows the Configurator software interface with the following components:

- Buttons:** Scan, Download, Upload, Save, Load, Close.
- Navigation:** Topology, Net Info, Slave Info, **ProcessData**.
- Device Tree (Left):** [0200h] MASTER-DC, [0005h] MADHT1505BA1, [0006h] MADHT1505BA1, [0007h] Ezi-SERVO2 EtherCAT, [0008h] Ezi-SERVO2 EtherCAT, [0001h] MADHT1505BA1, [0002h] MADHT1505BA1.
- SyncManager Table:**

SM	Size	Type
0	256	MBoxOut
1	256	MBoxIn
2	9	Outputs
3	25	Inputs
- PDO List Table:**

Index	Size	Name	SM
0x1600	9	Receive PDO mapping 1	2
0x1601	19	Receive PDO mapping 2	
0x1602	15	Receive PDO mapping 3	
0x1603	21	Receive PDO mapping 4	
0x1A00	23	Transmit PDO mapping 1	
0x1A01	25	Transmit PDO mapping 2	3
0x1A02	25	Transmit PDO mapping 3	
- PDO Assignment Table:**

Index	Type
<input type="checkbox"/>	0x1A00
<input checked="" type="checkbox"/>	0x1A01
<input type="checkbox"/>	0x1A02
<input type="checkbox"/>	0x1A03
- PDO Content (0x1A00) Table:**

Index	Size	Name	Type
0x603F:00	2	Error code	UINT
0x6041:00	2	Statusword	UINT
0x6061:00	1	Modes of operation display	SINT
0x6064:00	4	Position actual value	DINT
0x606C:00	4	Velocity actual value	DINT
0x6077:00	2	Torque actual value	INT
- Bottom Controls:** Index, Addr, Apply AutoAddress To Servo, Apply to the same product.

- Config에 대한 상세 내용은 [Configuration Guide](#) 참조



1)

InPDO Data

From:

<https://www.comizoa.com/info/> - -

Permanent link:

https://www.comizoa.com/info/doku.php?id=platform:ethercat:70_users_guide:20_ts:torque_monitor_failed&rev=1544503577

Last update: **2024/07/08 18:22**