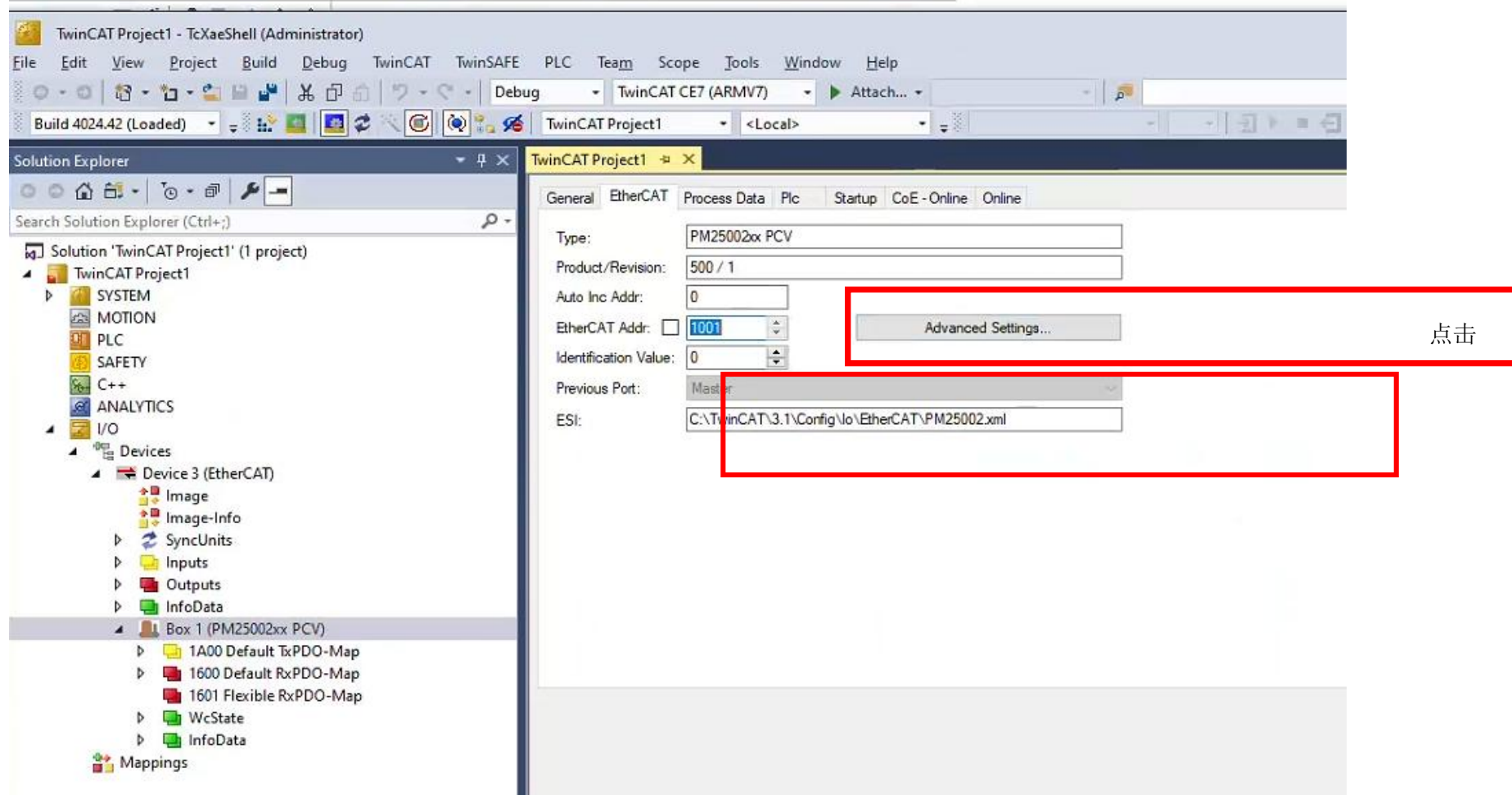
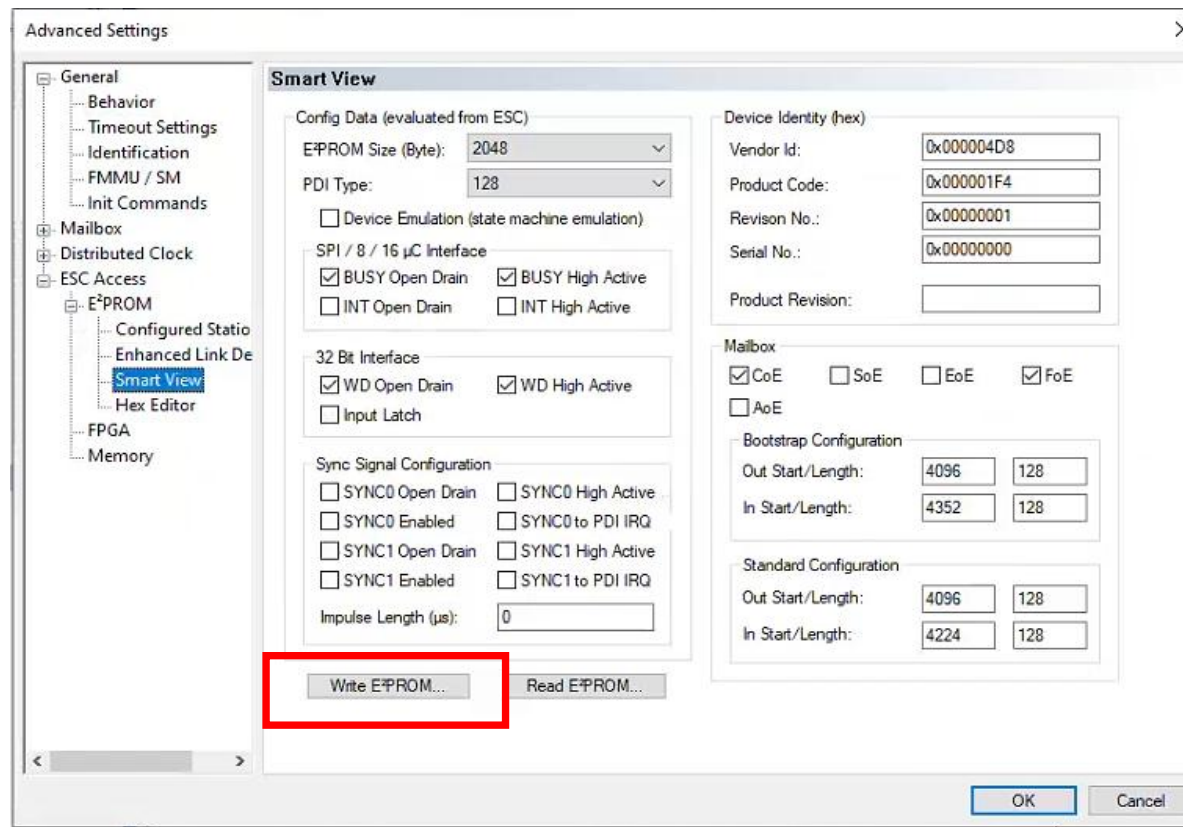
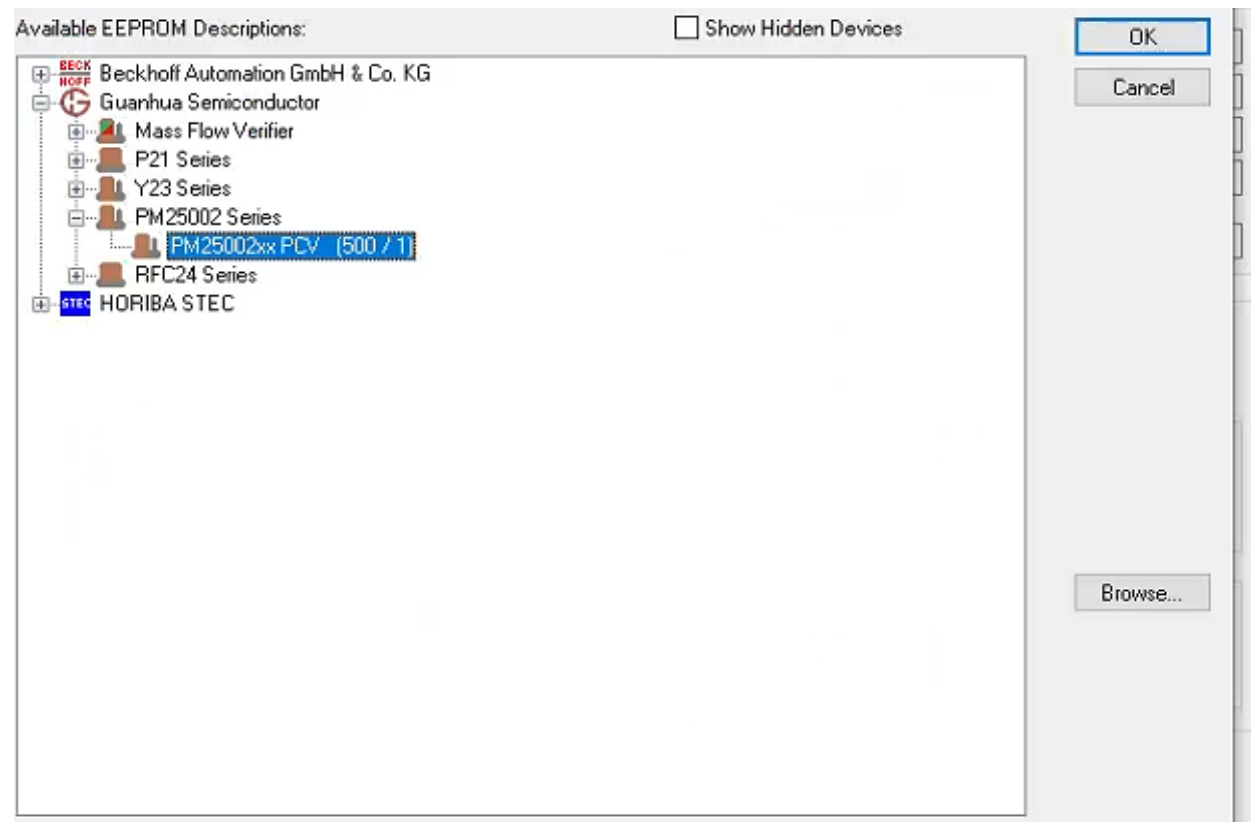


1、ESI升级 (Twincat软件)



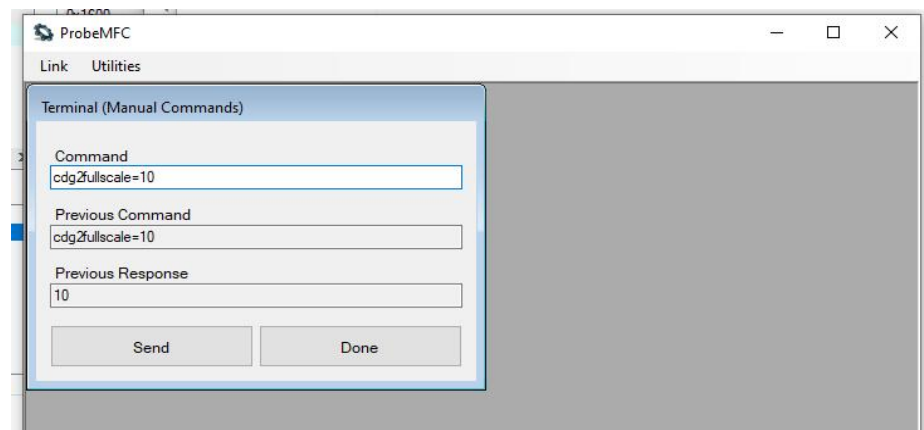
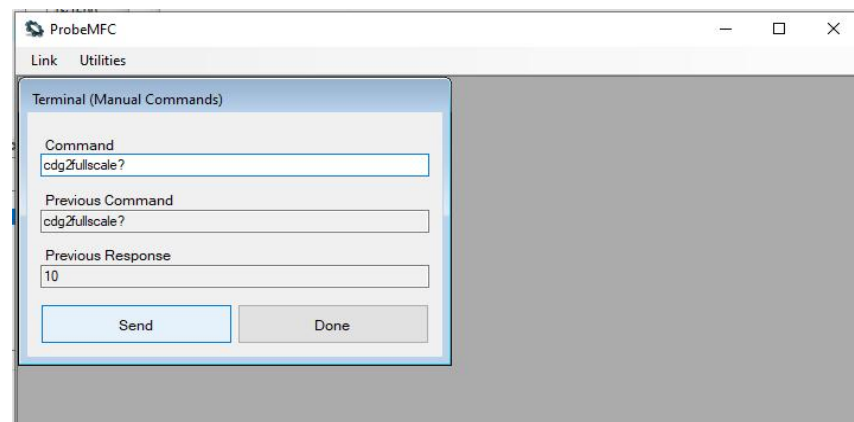
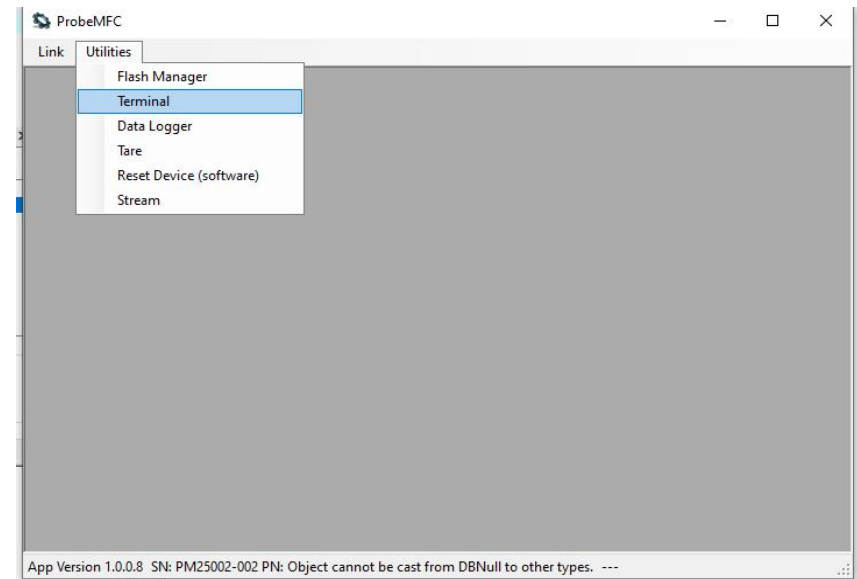
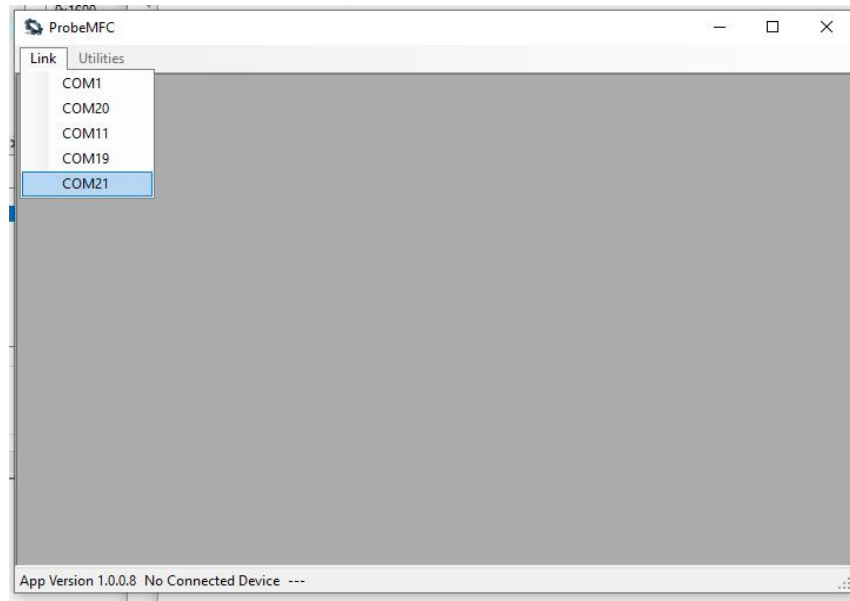


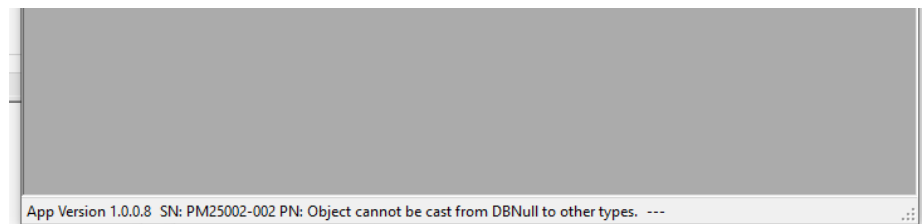
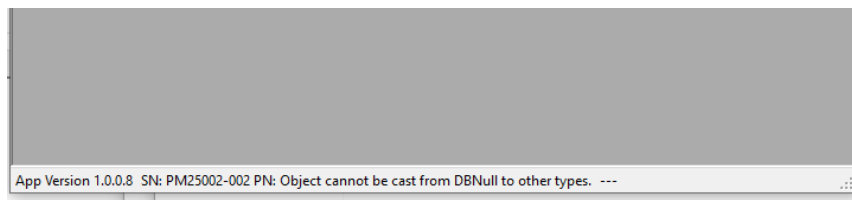
Write EEPROM



2、固件升级参考“MFV固件升级操作说明.pdf”

3、修改cdg量程按照从左到右的顺序修改即可 (probeMFC软件)

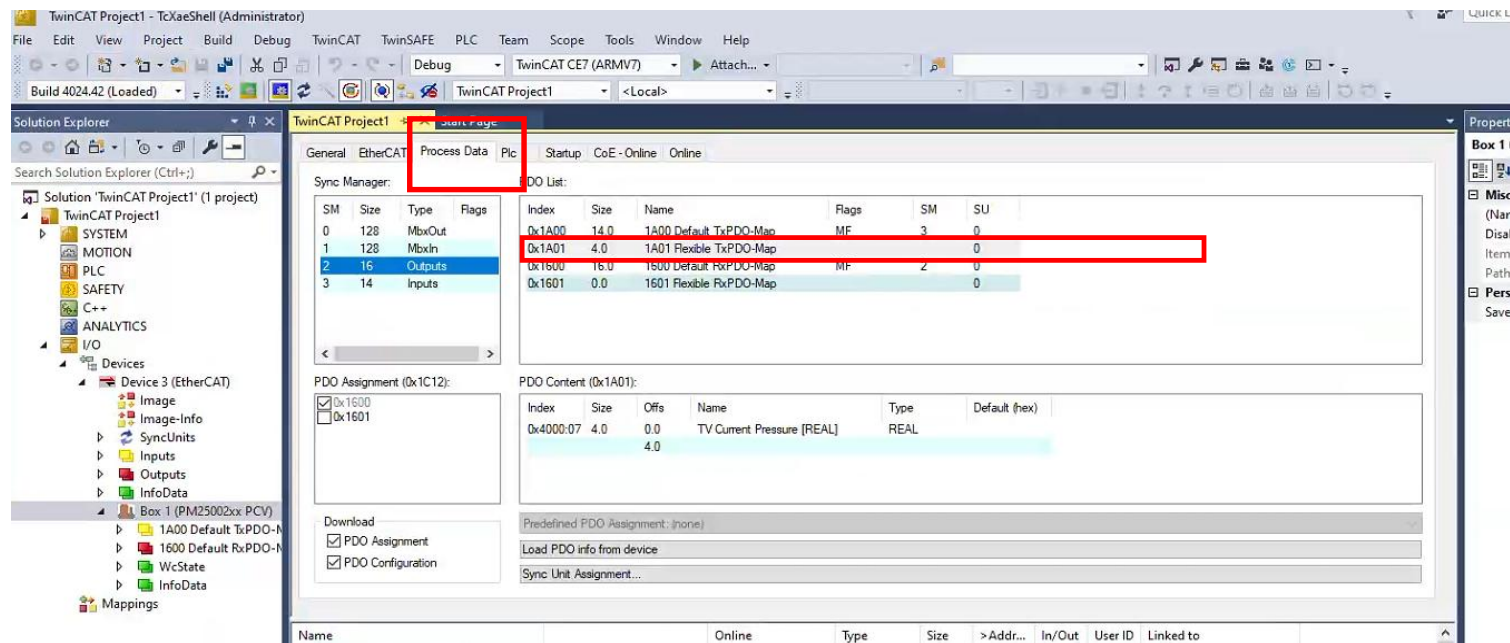




cdg2fullscale输入10后敲回车

该步骤完成后，设备重新上电，按照上面方法读一次参数确认cdg2ful

4、添加PDO



Name	Unlne	type	Size	>Addr...	In/Out	User ID	Linked to
TV Current Pressure [DINT]	6241	DINT	4.0	39.0	Input	0	
TV Current Position [DINT]	0	DINT	4.0	43.0	Input	0	
TV Status [UINT]	0	UINT	2.0	47.0	Input	0	
TV Alarm Code [UINT]	0	UINT	2.0	49.0	Input	0	
TV Warning Code [UINT]	0	UINT	2.0	51.0	Input	0	
WcState	1	BIT	0.1	1522.1	Input	0	
InputToggle	1	BIT	0.1	1524.1	Input	0	
State	257	UINT	2.0	1548.0	Input	0	
AdsAddr	192.168.50.60:4.1:1...	AMSADDR	8.0	1550.0	Input	0	

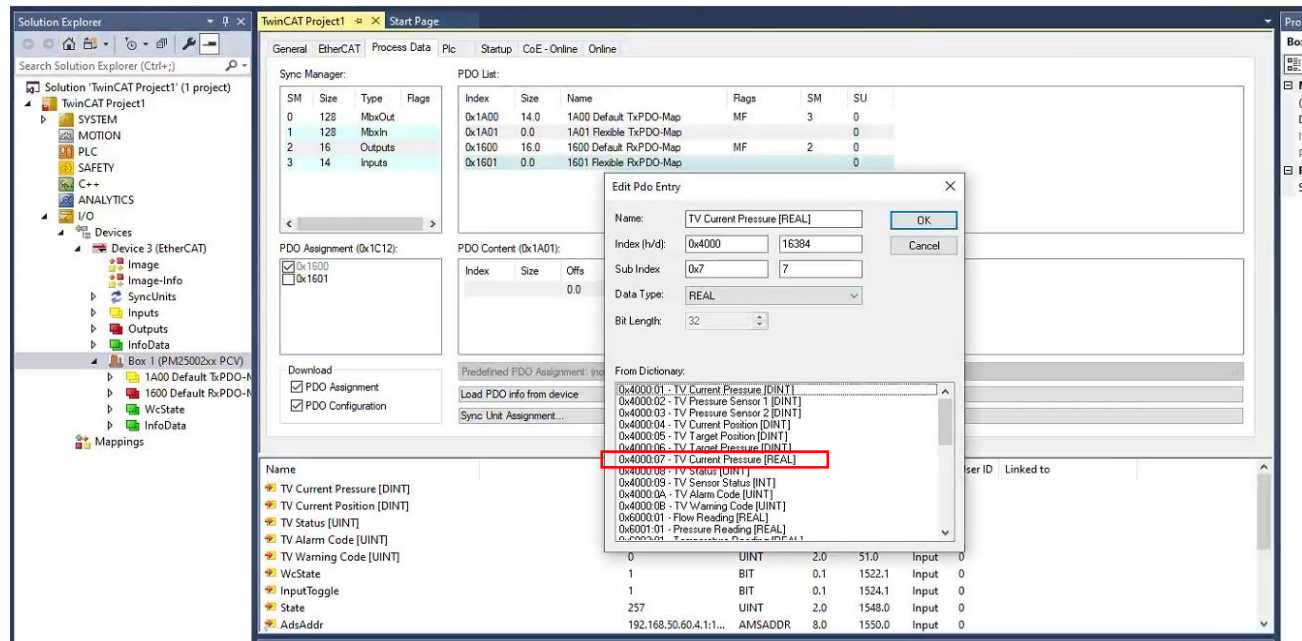
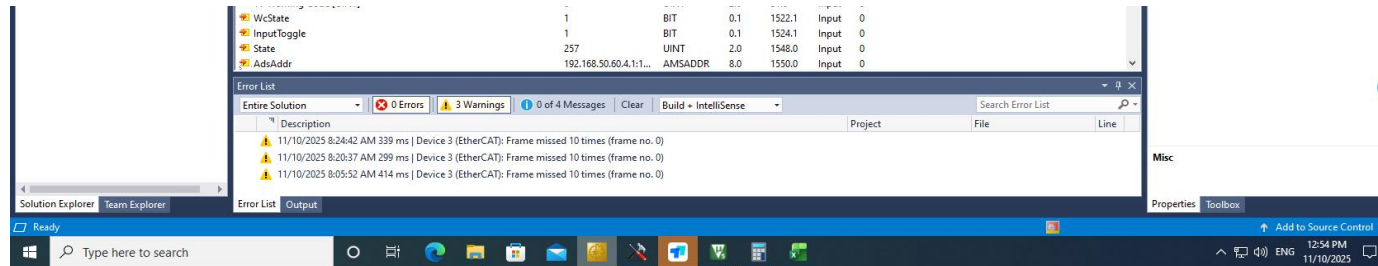
The screenshot displays the TwinCAT 3 software interface. The main window is titled 'TwinCAT Project1 - TxXaeShell (Administrator)'. The 'Process Data' tab is selected, showing the 'PDO List' table. The table has columns for SM, Size, Type, Flags, SM, and SU. The 'PDO Content (Ix1A01:)' section is also visible, showing a list of PDOs. A red box highlights the 'Add New Item...' button in the 'PDO Content (Ix1A01:)' section. The 'Properties' panel on the right shows details for 'Box 1 (PM25002xx PCV)', including its name, status, item type, path name, and persistence settings.

SM	Size	Type	Flags	SM	SU
0	128	MboOut		3	0
1	128	MboIn			0
2	16	Outputs		2	0
3	14	Inputs			0

Index	Size	Name	Flags	SM	SU
Ix1A00	14.0	1A00 Default TxPDO-Map	MF	3	0
Ix1A01	0.0	1A01 Flexible TxPDO-Map			
Ix1A02	16.0	1A02 Default RxPDO-Map	MF	2	0
Ix1A03	0.0	1A03 Flexible RxPDO-Map			

Index	Size	Offs	Name	Type	Default (hex)
Ix1A00	14.0		1A00 Default TxPDO-Map		
Ix1A01	0.0		1A01 Flexible TxPDO-Map		
Ix1A02	16.0		1A02 Default RxPDO-Map		
Ix1A03	0.0		1A03 Flexible RxPDO-Map		

Name	Online	Type	Size	> Addr...	In/Out	User ID	Linked to
TV Current Pressure [DINT]	6241	DINT	4.0	39.0	Input	0	
TV Current Position [DINT]	0	DINT	4.0	43.0	Input	0	
TV Status [UINT]	0	UINT	2.0	47.0	Input	0	
TV Alarm Code [UINT]	0	UINT	2.0	49.0	Input	0	
TV Warning Code [UINT]	0	UINT	2.0	51.0	Input	0	
W-Stat	1	BIT	0.1	1532.1	Input	0	



Build 402442 (Loaded) | TwinCAT CE7 (ARMV7) | Attach... | Debug | TwinCAT Project1 | <Local>

Solution Explorer | TwinCAT Project1 | Start Page

General | Adapter: EtherCAT | Online | CoE - Online

Field: 192.168.50.60 4.1 | Advanced Settings... | Export Configuration File... | Sync Unit Assignment... | Topology...

Datarate: 100 MB/s

Frame	Cmd	Addr	Len	WC	Sync Unit	Cycle (ms)	Utilization (%)	Size / Duration (µs)	Map Id
0	LRD	0x09000000	1	16	3	4.000			
0	LRW	0x01000000	2	1		4.000	0.19	71 / 7.60	0

Address | Type | In Size | Out Size | E-Bus (m...)

Address	Type	In Size	Out Size	E-Bus (m...
1001	PM25002xx PCV	14.0	16.0	

Online Reload | Online Update | Scan | Change Id... | Change To | Copy | Cut | Paste | Paste with Links | Independent Project File | Disable

Properties | Device 3 (EtherCAT) | EtherCAT Master

Misc | (Name) | Device 3 (EtherCAT) | Disabled | Enabled | Item type | 2 | Path Name | TID0-Device 3 (EtherCAT) | Persistent | Save in own File | False

Error List | 3 Warnings | 0 of 4 Messages | Clear | Build + IntelliSense

Description | Project | File | Line

11/10/2025 8:24:42 AM 339 ms | Device 3 (EtherCAT): Frame missed 10 times (frame no. 0)

11/10/2025 8:20:37 AM 299 ms | Device 3 (EtherCAT): Frame missed 10 times (frame no. 0)

11/10/2025 8:09:52 AM 414 ms | Device 3 (EtherCAT): Frame missed 10 times (frame no. 0)

Solution Explorer | Team Explorer | This item does not support previewing | Type here to search | 12:57 PM | 11/10/2025