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Questions regarding easYgen-3x00XT Modbus Protocols 5003 5010 5016

Justin Schneider - 2026-07-27 - [easYgen-3000XT](#)

- 5003 (from beginning in 2006) and additional 5010 (in 2009, implemented in Release 5, P/N 8440-1922 and higher partnumbers) is a protocol that the classic (old) easYgen-3x00 models used.
- Introducing easYgen-3x00XT models we have to introduce a new 5016 protocol, to cover also the new additional values/features/states.

The easYgen-3000XT is still backward-compatible to the "classic" easYgen-3x00 models (2006-2016). So new XT still provide the old protocols in the new 3000XT models which make conversion from old to new easYgen more simple.

You need to select by parameter 3184 in the easYgen, which protocol the easYgen shall work with , or which you want to use.

ID	Parameter
3184	Modbus protocol number

By default setting it is set to <<5010>>, just because of the backward-compatibility.

If your application has only new 3000XT models, then you should prefer to use...

=> 5016

XLS protocol protocol sheet, you can download in the individual easYgen-3000XT folder in folder 06_Others

<https://wss.woodward.com/manuals/PGC/Forms/AllItems.aspx>

easYgen-3000XT_series ▸ easYgen-3100XT-3200XT-P1

All Documents				
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✓	Name	Modified	PGC Update Title and Modifier WF	Description
	01_Technical_Manuals	... March 15, 2021		
	02_Config_Files_	... March 15, 2021		
	03_Software	... March 15, 2021		
	04_CAD_data	... March 15, 2021		
	05_Product_Specs	... March 15, 2021		
	06_Others	... March 15, 2021		
	Name	Modified	PGC Update Title and Modifier WF	Description
	Application_Notes	... March 15, 2021		
	Compliance_Certificates	... March 15, 2021		
	Data_Protocol_5003	... May 5	Completed	
	Data_Protocol_5010	... May 5	Completed	
	Data_Protocol_5016	... May 5	Completed	

Additional info:

Protocol 5014

Based on the 5003; Without ECU Data; Accessible by CANopen and Modbus;
Contains additional XT values - in comparison to the previous 5003 protocol.

Protocol 5016:

Based on the 5010; Accessible by Modbus/CANopen; Contains additional XT
values - in comparison to the previous 5010 protocol.