Software History
PROFINET Bus module

Version	Date	History
3.50	02.02.2024	- New Parameters 5398, 5399, 5143, 5144
3.40	17.04.2023	- New Parameters 5396, 5397, 6013, 6014
3.30	27.06.2022	- New Parameters 5142, 6011, 6012, 3068, 2109, 2110
3.20	06.10.2021	- Parameter 6100 and 6200 are writable, fixed issue when writing to a string parameter. - Adjusted value range of parameter 6006 to 0…25'000'000 and 6010 to 0…9'000'000.
3.10	13.07.2021	- New Parameters 5512, 5513, 5595, 6001-6010, 6100, 6200
3.00	08.07.2020	- New Parameters 5141, 5216, 5388 -> 5394 - New Supplementary Data 4 and 5 - All Supplementary Data (1-5) can be used for telegram 5 and telegram 9
2.40b	30.04.2020	- GSD file small correction: 75V8S showed up as 48V8 in the device list when language was set to german.
2.40	09.03.2020	- Support for bus module hardware revision 1.1 (new flash) - Bit 11 in Status Word 1 (Home Position Set) now set at start up, if motor is already referenced (for ex. motors with absolute encoder)
2.20	11.11.2019	- New parameters 5367 -> 5387
2.10	15.05.2018	- New parameter p2000 (Bezugsgeschwindigkeit) to enable transmitted speed in PROFIdrive standard telegram 5
2.00	26.06.2017	- New parameters 5131 -> 5140 - New parameters 5361 -> 5366 - Simplified jogging functionality implemented. If all jogging parameters 2585-2588 are set to 0 (default by power up), MDI velocity is used for jogging speed and Jog 1 starts a positive jogging drive and Jog 2 starts a negative jogging drive. - With connected telegram 5 (cyclic synchronized mode), exclusive access over PROFIdrive state machine is released in state S1 "Switch On Inhibited" (power stage off). So in state S1, commands from outside PROFIdrive state machine over parameter access or serial commands are allowed, f.ex. for starting a force calibration drive. - Faster XENAX to bus module communication
1.81	14.12.2015	- Support for Xvi48V8

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1.80	11.12.2015	- Crashing problem with acyclic data transfer solved - Telegram 5 can have supplementary data for force control and SMU - During a reference drive, the falling edge of STW1 Bit 11 aborts the referencing - New parameters 5126 - 5130, 5359, 5360, 5506 - 5511, 5601 – 5610 - Bad cyclic data form the IO-Controller generates error 77 - Error code from XENAX® by a parameter request will be transferred to the IO-Controller - Firmware Version extended to tree digits
1.6	6.2.2015	- New parameters 5124 5125, 5214, 5215, 5344-5358, 5411, 5501-5505 - Value range adjusted - Jog mode supported
1.4	22.10.2013	- Problem with MAC-Address deleting solved - Support for gantry reference - New parameters 2005, 3073, 5122, 5123, 5339, 5340, 5341, 5342, 5343 - New telegrams 910, 911
1.0	28.05.2013	- First release version