Parker
Compax3

CONTENTS

We want to thank our customers who use the Touch Operation Panel.

1. System configuration

Describes the devices required for connection, the setting of each device, cables, and configurable systems.

2. External device selection

Select a TOP model and an external device.

3. TOP communication setting

Describes how to set the TOP communication.

4. External device setting

Describes how to set up communication for external devices.

5. Cable table

Describes the cable specifications required for connection.

6. Supported addresses

Refer to this section to check the addresses which can communicate with an external device.

1. System configuration

The system configuration of TOP and "Parker – Compax3" is as follows:

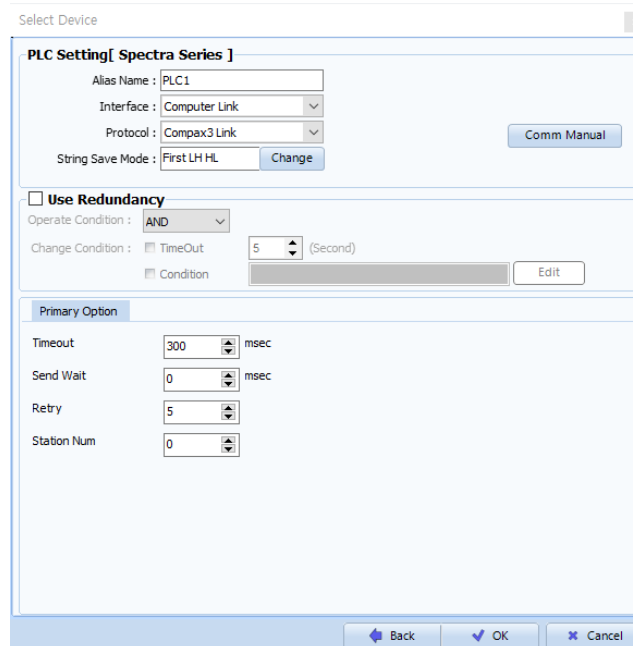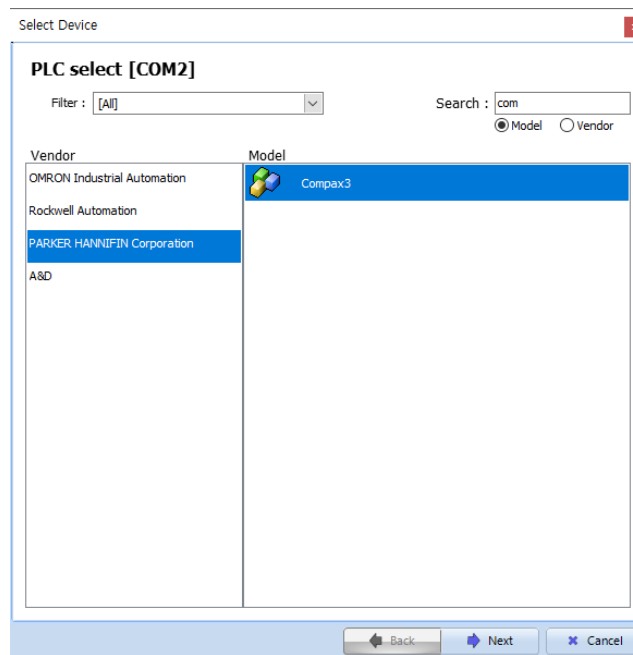| Series	CPU	Communication method	System setting	Cable
Parker	Compax3	RS–232C RS-485	3.1 Settings example 1 (Page 4)	5.1. Cable table 1 (Page 8)

■ Connection configuration

・1:1 (one TOP and one external device) connection – configuration which is possible in RS232C/485 communication.

2. External device selection

■ Select a TOP model and a port, and then select an external device.

Settings		Contents
TOP	Model	Check the TOP display and process to select the touch model.
External device	Vendor	Select the vendor of the external device to be connected to TOP. Select "Parker".
	PLC	Select an external device to connect to TOP.

Model	Interface	Protocol
Compax3	Computer Link	Compax3 Link

Please check the system configuration in Chapter 1 to see if the external device you want to connect is a model whose system can be configured.

3. TOP communication setting

The communication can be set in TOP Design Studio or TOP main menu. The communication should be set in the same way as that of the external device.

3.1 Communication setting in TOP Design Studio

(1) Communication interface setting

■ [Project > Project Property > TOP Setting] → [Project Option > "Use HMI Setup" Check > Edit > Serial]

– Set the TOP communication interface in TOP Design Studio.
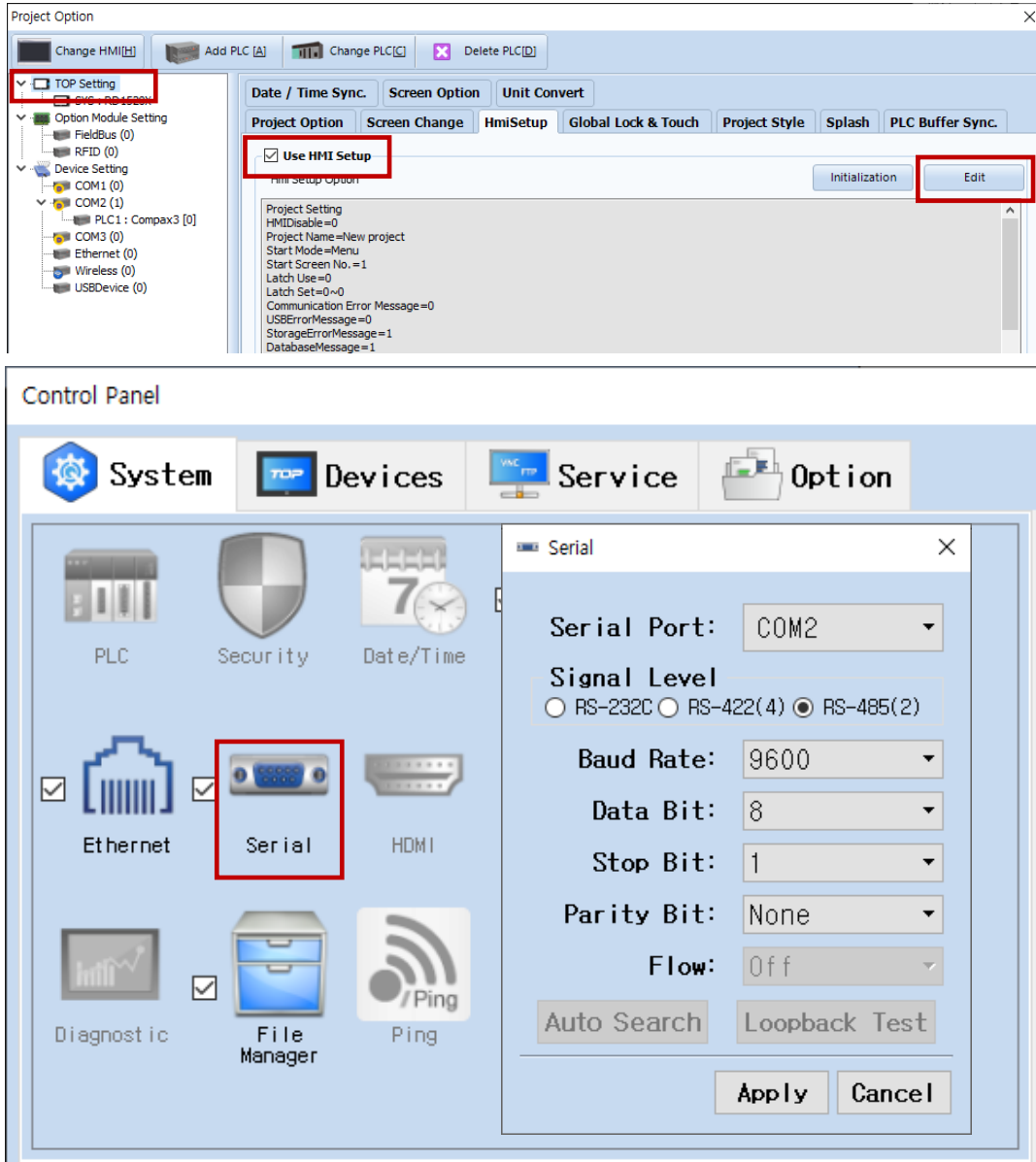
Items	TOP	External device	Remarks
Signal Level (port)	RS-485	RS-485	
Baud Rate	9600		
Data Bit	8		
Stop Bit	1		
Parity Bit	none		

* The above settings are examples recommended by the company.

Items	Description
Signal Level	Select the serial communication method between the TOP and an external device.
Baud Rate	Select the serial communication speed between the TOP and an external device.
Data Bit	Select the serial communication data bit between the TOP and an external device.
Stop Bit	Select the serial communication stop bit between the TOP and an external device.
Parity Bit	Select the serial communication parity bit check method between the TOP and an external device.

(2) Communication option setting

■ [Project > Project Property > Device Setting >COM > "PLC1 : Parker"]

  – Set the options of the Compax3 communication driver in TOP Design Studio.

Items	Settings	Remarks
Interface	Select "Computer Link".	Refer to "2. External device selection".
Protocol	Select "PC Link".	
TimeOut (ms)	Set the time for the TOP to wait for a response from an external device.	
SendWait (ms)	Set the waiting time between TOP's receiving a response from an external device and sending the next command request.	
Station Num	Prefix	

3.2. Communication setting in TOP

* This is a setting method when "Use HMI Setup" in the setting items in "3.1 TOP Design Studio" is not checked.

■ Touch the top of the TOP screen and <u>drag</u> it down. Touch "EXIT" in the pop-up window to go to the main screen.

(1) Communication interface setting

   ■ [Main Screen > Control Panel > Serial]

Items	TOP	External device	Remarks
Signal Level (port)	RS-485	RS-485	
Baud Rate	9600		Fixed
Data Bit	8		Fixed
Stop Bit	1		Fixed
Parity Bit	none		Fixed

 * The above settings are setting <u>examples</u> recommended by the company.

Items	Description
Signal Level	Select the serial communication method between the TOP and an external device.
Baud Rate	Select the serial communication speed between the TOP and an external device.
Data Bit	Select the serial communication data bit between the TOP and an external device.
Stop Bit	Select the serial communication stop bit between the TOP and an external device.
Parity Bit	Select the serial communication parity bit check method between the TOP and an external device.

(2) Communication option setting

■ [Main Screen > Control Panel > PLC]
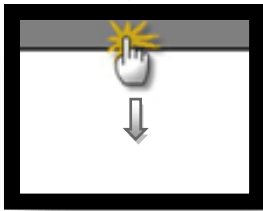

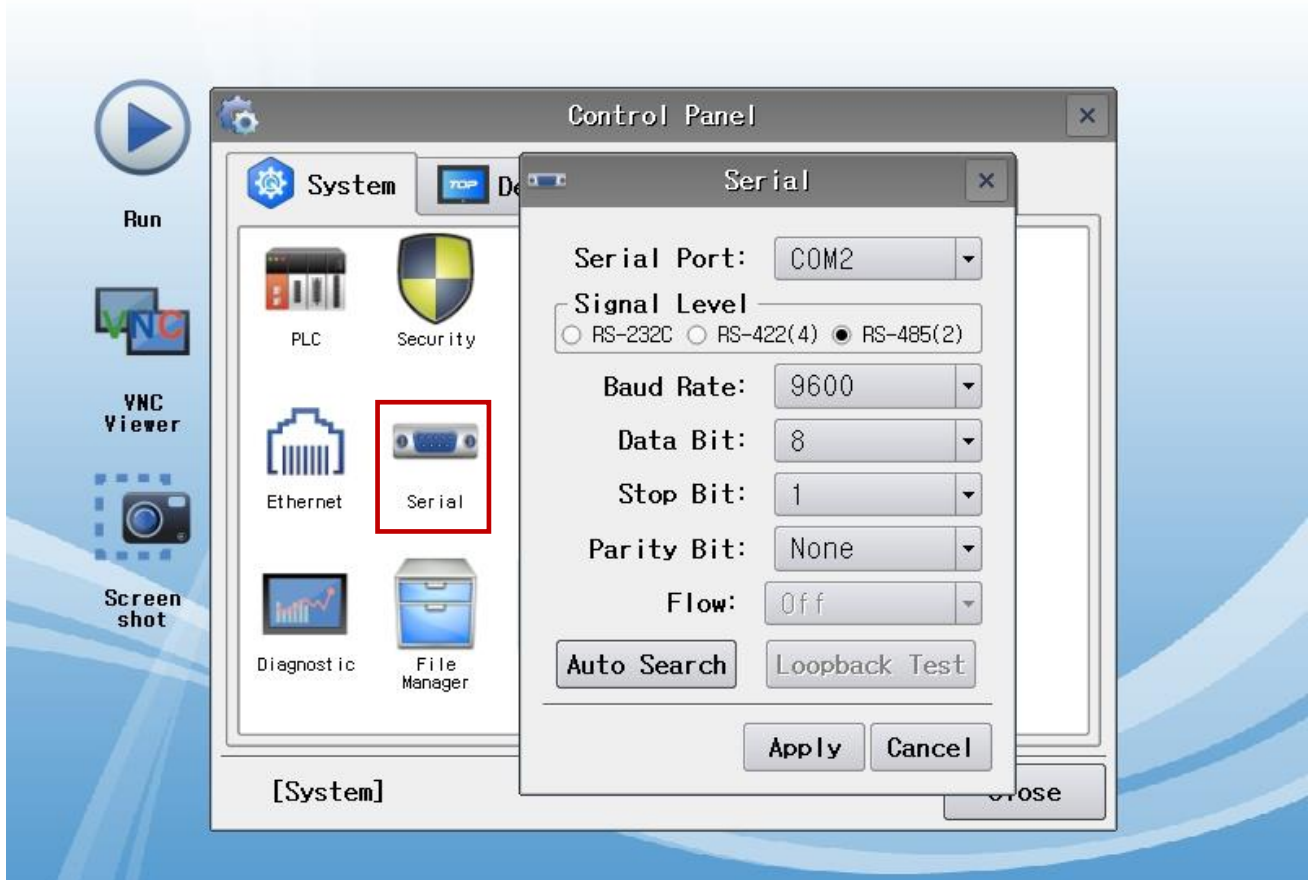| Items	Settings	Remarks
Interface	Select "Computer Link".	Refer to "2. External device selection".
Protocol	Select "PC Link".	
TimeOut (ms)	Set the time for the TOP to wait for a response from an external device.	
SendWait (ms)	Set the waiting time between TOP's receiving a response from an external device and sending the next command request.	
Station Num	Prefix	

3.3 Communication diagnostics

■ Check the interface setting status between the TOP and an external device.

- Touch the top of the TOP screen and drag it down. Touch "EXIT" in the pop-up window to go to the main screen.

- Check if the COM port settings you want to use in [Control Panel > Serial] are the same as those of the external device.

■ Diagnosis of whether the port communication is normal or not

- Touch "Communication diagnostics" in [Control Panel > PLC].

- The Diagnostics dialog box pops up on the screen and determines the diagnostic status.

OK	Communication setting normal
Time Out Error	Communication setting abnormal
	- Check the cable, TOP, and external device setting status. **(Reference: Communication diagnostics sheet)**

■ Communication diagnostics sheet

- If there is a problem with the communication connection with an external terminal, please check the settings in the sheet below.

Items	Contents		Check		Remarks
System configuration	How to connect the system		OK	NG	1. System configuration
	Connection cable name		OK	NG	
TOP	Version information		OK	NG	2. External device selection 3. Communication setting
	Port in use		OK	NG	
	Driver name		OK	NG	
	Other detailed settings		OK	NG	
	Relative prefix	Project setting	OK	NG	
		Communication diagnostics	OK	NG	
	Serial Parameter	Transmission Speed	OK	NG	
		Data Bit	OK	NG	
		Stop Bit	OK	NG	
		Parity Bit	OK	NG	
External device	CPU name		OK	NG	4. External device setting
	Communication port name (module name)		OK	NG	
	Protocol (mode)		OK	NG	
	Setup Prefix		OK	NG	
	Other detailed settings		OK	NG	
	Serial Parameter	Transmission Speed	OK	NG	
		Data Bit	OK	NG	
		Stop Bit	OK	NG	
		Parity Bit	OK	NG	
	Check address range		OK	NG	6. Supported addresses (For details, please refer to the PLC vendor's manual.)

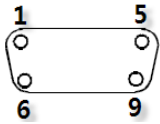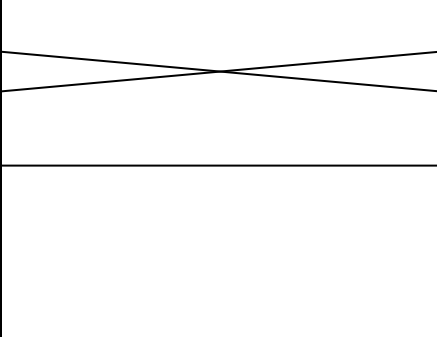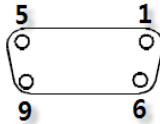# 4. External device setting

Refer to the vendor's user manual to identically configure the communication settings of the external device to that of the TOP.

5. Cable table

This chapter introduces a cable diagram for normal communication between the TOP and the corresponding device.
(The cable diagram described in this section may differ from the recommendations of "**Parker - Compax3**")
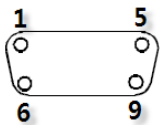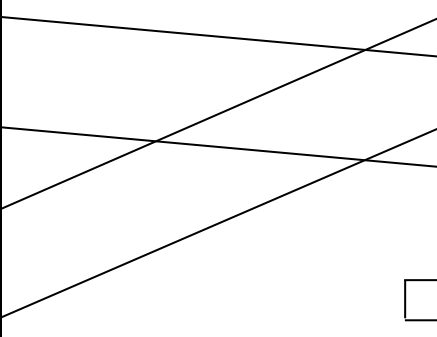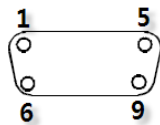
RS232 / RS485 interface (plug X10)

■ **RS-232C** (1:1 connection)

COM			Cable connection	PLC		
Pin arrangement*Note 1)	Signal name	Pin number		Pin number	Signal name	Pin arrangement*Note 1)
Based on communication cable connector front, D-SUB 9 Pin male (male, convex)	CD	1		1		Based on communication cable connector front, D-SUB 9 Pin male (female, concave)
	RD	2		2	RD	
	SD	3		3	SD	
	DTR	4		4		
	SG	5		5	SG	
	DSR	6		6		
	RTS	7		7		
	CTS	8		8		
		9		9		
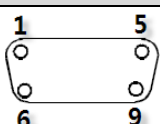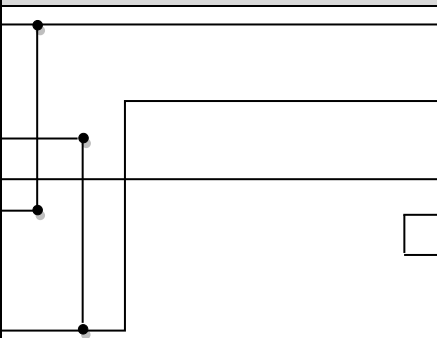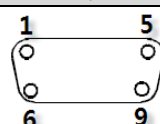
*Note 1) The pin arrangement is as seen from the connecting side of the cable connection connector.

■ **RS-422** (1:1 connection)

COM			Cable connection	PLC	
Pin arrangement*Note 1)	Signal name	Pin number		Signal name	Pin arrangement*Note 1)
Based on communication cable connector front, D-SUB 9 Pin male (male, convex)	RDA	1		**RXD (2)**	Based on communication cable connector front, D-SUB 9 Pin male (male, convex)
		2		**TXD (7)**	
		3			
	RDB	4		**RXD / (8)**	
		5		**TXD / (3)**	
	SDA	6		**GND (5)**	
		7			
		8		**Enable RS485 (1)**	
	SDB	9		**+5V** (9)	

*Note 1) The pin arrangement is as seen from the connecting side of the cable connection connector.

■ **RS-485** (1:1 connection)

COM			Cable connection	PLC	
Pin arrangement*Note 1)	Signal name	Pin number		Signal name	Pin arrangement*Note 1)
Based on communication cable connector front, D-SUB 9 Pin male (male, convex)	RDA(+)	1		**TXD RXD (7)**	Based on communication cable connector front, D-SUB 9 Pin male (male, convex)
		2			
		3		**TXDRXD / (3)**	
	RDB(-)	4			
	SG	5		**SG(5)**	
	SDA(+)	6		**Enable RS485 (1)**	
		7		**+5V** (9)	
		8			
	SDB(-)	9			

*Note 1) The pin arrangement is as seen from the connecting side of the cable connection connector.

6. Supported addresses

The devices available in TOP are as follows:

The device range (address) may differ depending on the CPU module series/type. The TOP series supports the maximum address range used by the external device series. Please refer to each CPU module user manual and be take caution to not deviate from the address range supported by the device you want to use.

Contents	Bit Address	Word Address	RW	BIT	
R_INT	0000:00.00 – 9999:99.31	0000:00 – 9999:99	R/W	32BIT	**32BIT DATA**
R_FLOAT	-	0000:00 – 9999:99	R/W	32BIT	**FLOAT DATA**
R_SHORT	0000:00.00 – 9999:99.15	0000:00 – 9999:99	R/W	16BIT	**16BIT DATA**

● Precautions when using Offset

9999:99

9999 **- Index**

99　　**- Subindex**

Offset is only applied to Index

Ex) Drawing SYS 100 (=10) as OFFSET on 681.01,

changes the 681.01 tag to 691.01

This is the Release 2004R3-1 (as from Firmware V2.05) ADDRESS MAP . For more details, refer to the PARKER HOMEPAGE

Object overview sorted by object name

No.	Object name	Object	PNU	CAN No.	Format	PD	Valid beginning	Device assignment I11	I20	I21
634.4	C3.AnalogOutput0_DemandValue	Setpoint for analog output 0	24	0x2019	I16	yes	Immediately	X	X	X
635.4	C3.AnalogOutput1_DemandValue	Setpoint for analog output 1	103	0x2020	I16	yes	Immediately	X	X	X
2100.8	C3.ControllerTuning_CurrentBandwidth	Current Loop Bandwidth	402.8	0x2100.8	U16	no	VP	X	X	X
2100.9	C3.ControllerTuning_CurrentDamping	Current Loop Damping	402.9	0x2100.9	U16	no	VP	X	X	X
2100.3	C3.ControllerTuning_Damping	Damping (rotation speed controller)	402.3	0x2100.3	U16	no	VP	X	X	X
2100.6	C3.ControllerTuning_FilterAccel	Actual Acceleration Filter	402.6	0x2100.6	U16	no	VP	X	X	X
2100.11	C3.ControllerTuning_FilterAccel2	Filter actual acceleration 2			U16	no	VP	X	X	X
2100.5	C3.ControllerTuning_FilterSpeed	Velocity Filter	402.5	0x2100.5	U16	no	VP	X	X	X
2100.10	C3.ControllerTuning_FilterSpeed2	Filter actual velocity 2			U16	no	VP	X	X	X
2100.4	C3.ControllerTuning_Inertia	Moment of inertia	402.4	0x2100.4	U16	no	VP	X	X	X
2100.7	C3.ControllerTuning_SpeedDFactor	Velocity Loop - "D" Term	402.7	0x2100.7	U16	no	VP	X	X	X
2100.2	C3.ControllerTuning_Stiffness	Stiffness (speed controller)	402.2	0x2100.2	U16	no	VP	X	X	X
990.1	C3.Delay_MasterDelay	Setpoint delay for bus master			I16	no	Immediately	X	X	X
1.15	C3.Device_ProfileID	Profibus profile number	965		OS	no	-	-	X	-
120.2	C3.DigitalInput_Value	Status of digital inputs	21	0x6100.1	V2	yes	-	X	X	X
121.2	C3.DigitalInputAddition_Value	Input word of I/O option	175	0x6100.2	V2	yes	-	X	X	X
133.4	C3.DigitalOutputAddition_Enable	Activate input/output option M10/M12	350	0x6300.3	V2	no	Immediately	X	X	X
133.2	C3.DigitalOutputAddition_Error	Error in I/O option	351	0x6300.4	V2	no	-	X	X	X
133.3	C3.DigitalOutputAddition_Value	Output word for I/O option	176	0x6300.2	V2	yes	Immediately	X	X	X
550.2	C3.ErrorHistory_1	Error (n-1) in the error history	947.1	0x201D.2	U16	no	-	-	X	X
2020.1	C3.ExternalSignal_Position	Position from external signal source			C4_3	yes	-	X	X	X
2020.2	C3.ExternalSignal_Speed	Speed from external signal source			C4_3	yes	-	X	X	X
950.1	C3.FBI_RxPD_Mapping_Object_1	1. Object of the setpoint PZD (Profibus)	915.0		U16	no	Immediately	-	X	-
950.2	C3.FBI_RxPD_Mapping_Object_2	2. object of the Setpoint value PZD	915.1		U16	no	Immediately	-	X	-
950.3	C3.FBI_RxPD_Mapping_Object_3	3. object of the Setpoint value PZD	915.2		U16	no	Immediately	-	X	-
950.4	C3.FBI_RxPD_Mapping_Object_4	4. object of the Setpoint value PZD	915.3		U16	no	Immediately	-	X	-
950.5	C3.FBI_RxPD_Mapping_Object_5	5. object of the Setpoint value PZD	915.4		U16	no	Immediately	-	X	-
950.6	C3.FBI_RxPD_Mapping_Object_6	6. object of the Setpoint value PZD	915.5		U16	no	Immediately	-	X	-
950.7	C3.FBI_RxPD_Mapping_Object_7	7. object of the Setpoint value PZD	915.6		U16	no	Immediately	-	X	-
950.8	C3.FBI_RxPD_Mapping_Object_8	8. object of the Setpoint value PZD	915.7		U16	no	Immediately	-	X	-
951.1	C3.FBI_TxPD_Mapping_Object_1	1. object of actual value PZD	916.0		U16	no	Immediately	-	X	-
951.2	C3.FBI_TxPD_Mapping_Object_2	2. object of actual value PZD	916.1		U16	no	Immediately	-	X	-
951.3	C3.FBI_TxPD_Mapping_Object_3	3. object of actual value PZD	916.2		U16	no	Immediately	-	X	-
951.4	C3.FBI_TxPD_Mapping_Object_4	4. object of actual value PZD	916.3		U16	no	Immediately	-	X	-
951.5	C3.FBI_TxPD_Mapping_Object_5	5. object of actual value PZD	916.4		U16	no	Immediately	-	X	-
951.6	C3.FBI_TxPD_Mapping_Object_6	6. object of actual value PZD	916.5		U16	no	Immediately	-	X	-
951.7	C3.FBI_TxPD_Mapping_Object_7	7. object of actual value PZD	916.6		U16	no	Immediately	-	X	-
951.8	C3.FBI_TxPD_Mapping_Object_8	8. object of actual value PZD	916.7		U16	no	Immediately	-	X	-
2010.2	C3.FeedForward_Accel	Acceleration feedforward	400.2	0x2101.2	U16	no	VP	X	X	X
2010.4	C3.FeedForward_Current	Current feedforward	400.4	0x2101.4	U16	no	VP	X	X	X
2010.5	C3.FeedForward_Jerk	Jerk feedforward	400.5	0x2101.5	U16	no	VP	X	X	X
2010.1	C3.FeedForward_Speed	Velocity feedforward	400.1	0x2101.1	U16	no	VP	X	X	X
2010.18	C3.FeedForward_Voltage	Voltage feedforward			U16	no	VP	X	X	X
1141.7	C3.GEAR_actual_masterposition	Position input value for Gearing			C4_3	no	-	X	X	X
402.4	C3.Limit_CurrentNegative	Maximum permissible negative current	320	0x200C	I16	no	VP	X	X	X
402.3	C3.Limit_CurrentPositive	Maximum permissible positive current	319	0x200B	I16	no	VP	X	X	X
402.2	C3.Limit_SpeedNegative	Maximum permissible negative speed	318	0x200A	I16	no	VP	X	X	X
402.1	C3.Limit_SpeedPositive	Maximum permissible positive speed	317	0x2009	I16	no	VP	X	X	X
410.3	C3.LimitPosition_Negative	Negative SW travel limit	322	0x607D.2	C4_3	no	Immediately	X	X	X
410.2	C3.LimitPosition_Positive	Positive Travel Limit	321	0x607D.1	C4_3	no	Immediately	X	X	X
3310.1	C3.Multitumemulation_Status	Status of the Multiturn emulation			I16	no	-	X	X	X
200.5	C3.NormFactorY2_Array_Col2	Scaling factor recipe arrays column 2	355.5	0x2020.5	V2	no	Immediately	-	X	X
200.2	C3.NormFactorY2_Position	Scaling factor for Y2 positions	355.2	0x2020.2	V2	no	Immediately	-	X	X
200.1	C3.NormFactorY2_Speed	Scaling factor for Y2 speeds	355.1	0x2020.1	V2	no	Immediately	-	X	X
200.3	C3.NormFactorY2_Voltage	Scaling factor for Y2 voltages	355.3	0x2020.3	V2	no	Immediately	-	X	X
201.4	C3.NormFactorY4_Array_Col1	Scaling factor recipe arrays column 1	356.4	0x2021.4	V2	no	Immediately	-	X	X
201.1	C3.NormFactorY4_Speed	Scaling factor for Y4 speeds	356.1	0x2021.1	V2	no	Immediately	-	X	X
201.3	C3.NormFactorY4_Voltage	Scaling factor for Y4 voltages	356.3	0x2021.3	V2	no	Immediately	-	X	X
20.1	C3.ObjectDir_Objekts-->FLASH	Store objects permanently (bus)	339	0x2017	I16	no	Immediately	-	X	X

20.10	C3.ObjectDir_ReadObjects	Read objects from Flash			I16	no	Immediately	X	X	X
20.11	C3.ObjectDir_WriteObjects	Save objects permanently			I16	no	Immediately	X	X	X
420.3	C3.PositioningAccuracy_FollowingErrorTimeout	Following Error Time	331	0x6066	U16	no	Immediately	X	X	X
420.2	C3.PositioningAccuracy_FollowingErrorWindow	Following error limit	330	0x6065	C4_3	no	VP	X	X	X
420.6	C3.PositioningAccuracy_PositionReached	Position reached			I32	no	-	X	X	X
420.1	C3.PositioningAccuracy_Window	Positioning window for position reached	328	0x6067	C4_3	no	VP	X	X	X
420.7	C3.PositioningAccuracy_WindowTime	In Position Window Time	329	0x6068	U16	no	Immediately	X	X	X
2120.7	C3.SpeedObserver_DisturbanceAdditionEnable	Switch to enable disturbance compensation			BOOL	no	VP	X	X	X
2120.5	C3.SpeedObserver_DisturbanceFilter	Time constant disturbance filter			U32	no	VP	X	X	X
2120.1	C3.SpeedObserver_TimeConstant	Rapidity of the speed monitor			U32	no	VP	X	X	X
682.5	C3.StatusAccel_Actual	Status of actual acceleration unfiltered			I32	no	-	X	X	X
682.6	C3.StatusAccel_ActualFilter	Status of filtered actual acceleration			I32	no	-	X	X	X
682.4	C3.StatusAccel_DemandValue	Status demand acceleration	325	0x200E	I32	no	-	X	X	X
682.7	C3.StatusAccel_FeedForwardAccel	Status acceleration feed forward			C4_3	no	-	X	X	X
688.2	C3.StatusCurrent_Actual	Status of actual current RMS (torque producing)			E2_6	yes	-	X	X	X
688.8	C3.StatusCurrent_ControlDeviationIq	Status of control deviation of current control RMS			C4_3	no	-	X	X	X
688.14	C3.StatusCurrent_FeedForwordCurrentJerk	Status of current rms and jerk feedforward			C4_3	no	-	X	X	X
688.9	C3.StatusCurrent_PhaseU	Status of current phase U			C4_3	no	-	X	X	X
688.10	C3.StatusCurrent_PhaseV	Status of current phase V			C4_3	no	-	X	X	X
688.1	C3.StatusCurrent_Reference	Status of setpoint current RMS (torque forming)			E2_6	no	-	X	X	X
688.13	C3.StatusCurrent_ReferenceJerk	Status of demand jerk setpoint generator			C4_3	no	-	X	X	X
688.11	C3.StatusCurrent_ReferenceVoltageUq	Status of current control control signal			C4_3	no	-	X	X	X
683.1	C3.StatusDevice_ActualCurrent	Status of actual current value	112	0x6077	E2_6	yes	-	X	X	X
683.2	C3.StatusDevice_ActualDeviceLoad	Status of device utilization	334	0x2011	E2_6	no	-	X	X	X
683.3	C3.StatusDevice_ActualMotorLoad	Status of long-term motor load	335	0x2012	E2_6	no	-	X	X	X
683.4	C3.StatusDevice_DynamicMotorLoad	Status of short-term motor load			E2_6	no	-	X	X	X
683.5	C3.StatusDevice_ObservedDisturbance	Status of observed disturbance			C4_3	no	-	X	X	X
692.4	C3.StatusFeedback_EncoderCosine	Status of analog input cosine			I32	no	-	X	X	X
692.3	C3.StatusFeedback_EncoderSine	Status of analog input sine			I32	no	-	X	X	X
692.2	C3.StatusFeedback_FeedbackCosineDSP	Status of cosine in signal processing			I32	no	-	X	X	X
692.1	C3.StatusFeedback_FeedbackSineDSP	Status of sine in signal processing			I32	no	-	X	X	X
692.5	C3.StatusFeedback_FeedbackVoltage[Vpp]	Status of feedback level			C4_3	no	-	X	X	X
680.5	C3.StatusPosition_Actual	Status actual position	28	0x6064	C4_3	yes	-	X	X	X
680.13	C3.StatusPosition_ActualValueController	Status actual position without absolute reference			C4_3	no	-	X	X	X
680.4	C3.StatusPosition_DemandValue	Status demand position	323	0x60FC	C4_3	no	-	X	X	X
680.12	C3.StatusPosition_DemandValueController	Status demand position without absolute reference			C4_3	no	-	X	X	X
680.11	C3.StatusPosition_EncoderInput24V	Status of encoder input 0 (24V)			C4_3	no	-	X	X	X
680.10	C3.StatusPosition_EncoderInput5V	Status of encoder input 0 (5V)			C4_3	no	-	X	X	X
680.6	C3.StatusPosition_FollowingError	Status of following error	100	0x60F4	C4_3	yes	-	X	X	X
681.5	C3.StatusSpeed_Actual	Status actual speed unfiltered	8	0x606C	C4_3	yes	-	X	X	X
681.7	C3.StatusSpeed_Actual_Y2	Status of the actual speed in the Y2 format	6	0x2023	Y2	yes	-	-	X	X
681.8	C3.StatusSpeed_Actual_Y4	Status of the actual speed in the Y4 format	117	0x2024	Y4	yes	-	-	X	X
681.9	C3.StatusSpeed_ActualFiltered	Status actual speed filtered			C4_3	yes	-	X	X	X
681.12	C3.StatusSpeed_ActualScaled	Filtered actual speed			C4_3	no	-	X	X	X
681.13	C3.StatusSpeed_DemandScaled	Setpoint speed of the setpoint generator			C4_3	no	-	X	X	X
681.10	C3.StatusSpeed_DemandSpeedController	Status demand speed controller input			C4_3	no	-	X	X	X
681.4	C3.StatusSpeed_DemandValue	Status demand speed of setpoint generator	324	0x606B	C4_3	no	-	X	X	X
681.6	C3.StatusSpeed_Error	Status control deviation of speed	101	0x2027	C4_3	yes	-	X	X	X
681.11	C3.StatusSpeed_FeedForwardSpeed	Status speed feed forward			C4_3	no	-	X	X	X
684.2	C3.StatusTemperature_Motor	Status of motor temperature	336	0x2013	U16	no	-	X	X	X
684.1	C3.StatusTemperature_PowerStage	Status of power output stage temperature	337	0x2014	U16	no	-	X	X	X
685.3	C3.StatusVoltage_AnalogInput0	Status of analog input 0	23	0x2025	Y2	yes	-	X	X	X
685.4	C3.StatusVoltage_AnalogInput1	Status of analog input 1	102	0x2026	Y2	yes	-	X	X	X
685.1	C3.StatusVoltage_AuxiliaryVoltage	Status of auxiliary voltage	326	0x200F	E2_6	no	-	X	X	X
685.2	C3.StatusVoltage_BusVoltage	Status DC bus voltage	327	0x6079	E2_6	no	-	X	X	X
210.10	C3.ValidParameter_Global	Set objects to valid	338.10	0x2016.10	U16	no	Immediately	X	X	X
1901.1	C3Array.Col01_Row01	Variable Column 1 Row 1	130/341.1	0x2301.1	Y4	yes	Immediately	X	X	X
1901.2	C3Array.Col01_Row02	Variable Column 1 Row 2	131/341.2	0x2301.2	Y4	yes	Immediately	X	X	X
1901.3	C3Array.Col01_Row03	Variable Column 1 Row 3	132/341.3	0x2301.3	Y4	yes	Immediately	X	X	X
1901.4	C3Array.Col01_Row04	Variable Column 1 Row 4	133/341.4	0x2301.4	Y4	yes	Immediately	X	X	X
1901.5	C3Array.Col01_Row05	Variable Column 1 Row 5	134/341.5	0x2301.5	Y4	yes	Immediately	X	X	X
1902.1	C3Array.Col02_Row01	Variable Column 2 Row 1	135/342.1	0x2302.1	Y2	yes	Immediately	X	X	X
1902.2	C3Array.Col02_Row02	Variable Column 2 Row 2	136/342.2	0x2302.2	Y2	yes	Immediately	X	X	X
1902.3	C3Array.Col02_Row03	Variable Column 2 Row 3	137/342.3	0x2302.3	Y2	yes	Immediately	X	X	X
1902.4	C3Array.Col02_Row04	Variable Column 2 Row 4	138/342.4	0x2302.4	Y2	yes	Immediately	X	X	X

1902.5	C3Array.Col02_Row05	Variable Column 2 Row 5	139/342.5	0x2302.5	Y2	yes	Immediately	X	X	X
1903.1	C3Array.Col03_Row01	Variable Column 3 Row 1	140/343.1	0x2303.1	I16	yes	Immediately	X	X	X
1903.2	C3Array.Col03_Row02	Variable Column 3 Row 2	141/343.2	0x2303.2	I16	yes	Immediately	X	X	X
1903.3	C3Array.Col03_Row03	Variable Column 3 Row 3	142/343.3	0x2303.3	I16	yes	Immediately	X	X	X
1903.4	C3Array.Col03_Row04	Variable Column 3 Row 4	143/343.4	0x2303.4	I16	yes	Immediately	X	X	X
1903.5	C3Array.Col03_Row05	Variable Column 3 Row 5	144/343.5	0x2303.5	I16	yes	Immediately	X	X	X
1904.1	C3Array.Col04_Row01	Variable Column 4 Row 1	145/344.1	0x2304.1	I16	yes	Immediately	X	X	X
1904.2	C3Array.Col04_Row02	Variable Column 4 Row 2	146/344.2	0x2304.2	I16	yes	Immediately	X	X	X
1904.3	C3Array.Col04_Row03	Variable Column 4 Row 3	147/344.3	0x2304.3	I16	yes	Immediately	X	X	X
1904.4	C3Array.Col04_Row04	Variable Column 4 Row 4	148/344.4	0x2304.4	I16	yes	Immediately	X	X	X
1904.5	C3Array.Col04_Row05	Variable Column 4 Row 5	149/344.5	0x2304.5	I16	yes	Immediately	X	X	X
1905.1	C3Array.Col05_Row01	Variable Column 5 Row 1	150/345.1	0x2305.1	I16	yes	Immediately	X	X	X
1905.2	C3Array.Col05_Row02	Variable Column 5 Row 2	151/345.2	0x2305.2	I16	yes	Immediately	X	X	X
1905.3	C3Array.Col05_Row03	Variable Column 5 Row 3	152/345.3	0x2305.3	I16	yes	Immediately	X	X	X
1905.4	C3Array.Col05_Row04	Variable Column 5 Row 4	153/345.4	0x2305.4	I16	yes	Immediately	X	X	X
1905.5	C3Array.Col05_Row05	Variable Column 5 Row 5	154/345.5	0x2305.5	I16	yes	Immediately	X	X	X
1906.1	C3Array.Col06_Row01	Variable Column 6 Row 1	155/346.1	0x2306.1	I32	yes	Immediately	X	X	X
1906.2	C3Array.Col06_Row02	Variable Column 6 Row 2	156/346.2	0x2306.2	I32	yes	Immediately	X	X	X
1906.3	C3Array.Col06_Row03	Variable Column 6 Row 3	157/346.3	0x2306.3	I32	yes	Immediately	X	X	X
1906.4	C3Array.Col06_Row04	Variable Column 6 Row 4	158/346.4	0x2306.4	I32	yes	Immediately	X	X	X
1906.5	C3Array.Col06_Row05	Variable Column 6 Row 5	159/346.5	0x2306.5	I32	yes	Immediately	X	X	X
1907.1	C3Array.Col07_Row01	Variable Column 7 Row 1	160/347.1	0x2307.1	I32	yes	Immediately	X	X	X
1907.2	C3Array.Col07_Row02	Variable Column 7 Row 2	161/347.2	0x2307.2	I32	yes	Immediately	X	X	X
1907.3	C3Array.Col07_Row03	Variable Column 7 Row 3	162/347.3	0x2307.3	I32	yes	Immediately	X	X	X
1907.4	C3Array.Col07_Row04	Variable Column 7 Row 4	163/347.4	0x2307.4	I32	yes	Immediately	X	X	X
1907.5	C3Array.Col07_Row05	Variable Column 7 Row 5	164/347.5	0x2307.5	I32	yes	Immediately	X	X	X
1908.1	C3Array.Col08_Row01	Variable Column 8 Row 1	165/348.1	0x2308.1	I32	yes	Immediately	X	X	X
1908.2	C3Array.Col08_Row02	Variable Column 8 Row 2	166/348.2	0x2308.2	I32	yes	Immediately	X	X	X
1908.3	C3Array.Col08_Row03	Variable Column 8 Row 3	167/348.3	0x2308.3	I32	yes	Immediately	X	X	X
1908.4	C3Array.Col08_Row04	Variable Column 8 Row 4	168/348.4	0x2308.4	I32	yes	Immediately	X	X	X
1908.5	C3Array.Col08_Row05	Variable Column 8 Row 5	169/348.5	0x2308.5	I32	yes	Immediately	X	X	X
1909.1	C3Array.Col09_Row01	Variable Column 9 Row 1	170/349.1	0x2309.1	I32	yes	Immediately	X	X	X
1909.2	C3Array.Col09_Row02	Variable Column 9 Row 2	171/349.2	0x2309.2	I32	yes	Immediately	X	X	X
1909.3	C3Array.Col09_Row03	Variable Column 9 Row 3	172/349.3	0x2309.3	I32	yes	Immediately	X	X	X
1909.4	C3Array.Col09_Row04	Variable Column 9 Row 4	173/349.4	0x2309.4	I32	yes	Immediately	X	X	X
1909.5	C3Array.Col09_Row05	Variable Column 9 Row 5	174/349.5	0x2309.5	I32	yes	Immediately	X	X	X
1910.1	C3Array.Indirect_Col01	Indirect table access Column 1	181	0x2311	Y4	yes	Immediately	X	X	X
1910.2	C3Array.Indirect_Col02	Indirect table access Column 2	182	0x2312	Y2	yes	Immediately	X	X	X
1910.3	C3Array.Indirect_Col03	Indirect table access Column 3	183	0x2313	I16	yes	Immediately	X	X	X
1910.4	C3Array.Indirect_Col04	Indirect table access Column 4	184	0x2314	I16	yes	Immediately	X	X	X
1910.5	C3Array.Indirect_Col05	Indirect table access Column 5	185	0x2315	I16	yes	Immediately	X	X	X
1910.6	C3Array.Indirect_Col06	Indirect table access Column 6	186	0x2316	I32	yes	Immediately	X	X	X
1910.7	C3Array.Indirect_Col07	Indirect table access Column 7	187	0x2317	I32	yes	Immediately	X	X	X
1910.8	C3Array.Indirect_Col08	Indirect table access Column 8	188	0x2318	I32	yes	Immediately	X	X	X
1910.9	C3Array.Indirect_Col09	Indirect table access Column 9	189	0x2319	I32	yes	Immediately	X	X	X
1900.1	C3Array.Pointer_Row	Pointer to table row	180	0x2300	U16	yes	Immediately	X	X	X
2190.2	C3Plus.AutoCommutationControl_InitialCurrent	Start current of automatic commutation			U32	no	VP	X	X	X
1100.3	C3Plus.DeviceControl_Controlword_1	CW control word	1	0x6040	V2	yes	Immediately	-	X	X
1100.4	C3Plus.DeviceControl_Controlword_2	Control word 2	3	0x201B	V2	yes	Immediately	-	X	X
1100.5	C3Plus.DeviceControl_OperationMode	Operating mode	127/930	0x6060	I16	yes	Immediately	-	X	X
1000.5	C3Plus.DeviceState_ActualOperationMode	Operating mode display	128	0x6061	I16	yes	Immediately	-	X	X
1000.3	C3Plus.DeviceState_Statusword_1	Status word SW	2	0x6041	V2	yes	Immediately	-	X	X
1000.4	C3Plus.DeviceState_Statusword_2	Status word 2	4	0x201C	V2	yes	Immediately	-	X	X
550.1	C3Plus.ErrorHistory_LastError	Current error (n)	115/947.0	0x603F/ 0x201D.1	U16	yes	-	X	X	X
1141.8	C3Plus.GEAR_actual_master_speed	Master speed for Gearing			C4_3	no	-	X	X	X
1130.1	C3Plus.HOMING_accel	Acceleration / deceleration MN run	300	0x609A	U32	no	Immediately	X	X	X
1130.7	C3Plus.HOMING_edge_sensor_distance	Initiator adjustment	304	0x2000	C4_3	no	Immediately	X	X	X
1130.2	C3Plus.HOMING_jerk	Jerk for homing	357	0x201E	U32	no	Immediately	X	X	X
1130.4	C3Plus.HOMING_mode	Adjusting the homing mode	302	0x6098	U16	no	Immediately	X	X	X
1130.3	C3Plus.HOMING_speed	Speed for homing	301	0x6099.1	C4_3	no	Immediately	X	X	X
201.2	C3Plus.NormFactorY4_Position	Scaling factor for Y4 positions	356.2	0x2021.2	V2	no	Immediately	-	X	X
50.3	C3Plus.PLC_ActualCycleTime	Status of cycle time of the control program	353	0x201F.2	U16	no	-	-	X	X
50.4	C3Plus.PLC_ActualCycleTimeMax	Status of maximum cycle time	354	0x201F.3	U16	no	Immediately	-	X	X
50.1	C3Plus.PLC_DemandCycleTime	Cycle time specification	352	0x201F.1	U16	no	Immediately	-	X	X
830.2	C3Plus.Profibus_Baudrate	Baud rate			U32	no	-	-	X	-
830.3	C3Plus.Profibus_NodeAddress	Node address	918		U16	no	-	-	X	-
830.1	C3Plus.Profibus_Protocol	PPO-type selection switch			U16	no	Immediately	-	X	-
830.6	C3Plus.Profibus_StandardSignalTable	List of Profidrive standard signals	923.x		U16	no	-	-	X	-
830.4	C3Plus.Profibus_TelegramSelect	Telegram selection switch	922		U16	no	Immediately	-	X	-
152.1	C3Plus.RemoteAnalogInput_I0	PIO analog input 0		0x2082.1	I16	yes	Immediately	-	-	X
152.2	C3Plus.RemoteAnalogInput_I1	PIO analog input 1		0x2082.2	I16	yes	Immediately	-	-	X
152.3	C3Plus.RemoteAnalogInput_I2	PIO analog input 2		0x2082.3	I16	yes	Immediately	-	-	X

152.4	C3Plus.RemoteAnalogInput_I3	PIO analog input 3		0x2082.4	I16	yes	Immediately	-	-	X
153.1	C3Plus.RemoteAnalogOutput_O0	PIO analog output 0		0x2083.1	I16	yes	Immediately	-	-	X
153.2	C3Plus.RemoteAnalogOutput_O1	PIO analog output 1		0x2083.2	I16	yes	Immediately	-	-	X
153.3	C3Plus.RemoteAnalogOutput_O2	PIO analog output 2		0x2083.3	I16	yes	Immediately	-	-	X
153.4	C3Plus.RemoteAnalogOutput_O3	PIO analog output 3		0x2083.4	I16	yes	Immediately	-	-	X
150.1	C3Plus.RemoteDigInput_I0_15	Digital PIO inputs 0...15		0x2080.1	V2	yes	Immediately	-	-	X
150.2	C3Plus.RemoteDigInput_I16_31	Digital PIO inputs 16..0.31		0x2080.2	V2	yes	Immediately	-	-	X
150.3	C3Plus.RemoteDigInput_I32_47	Digital PIO inputs 32..0.47		0x2080.3	V2	yes	Immediately	-	-	X
150.4	C3Plus.RemoteDigInput_I48_63	Digital PIO inputs 48..0.63		0x2080.4	V2	yes	Immediately	-	-	X
151.1	C3Plus.RemoteDigOutput_O0_15	Digital PIO outputs 0...15		0x2081.1	V2	yes	Immediately	-	-	X
151.2	C3Plus.RemoteDigOutput_O16_31	Digital PIO outputs 16..0.31		0x2081.2	V2	yes	Immediately	-	-	X
151.3	C3Plus.RemoteDigOutput_O32_47	Digital PIO outputs 32..0.47		0x2081.3	V2	yes	Immediately	-	-	X
151.4	C3Plus.RemoteDigOutput_O48_63	Digital PIO outputs 48..0.63		0x2081.4	V2	yes	Immediately	-	-	X
680.8	C3Plus.StatusPosition_Actual_Y4	Status position actual value in the bus format Y4	119	0x2022	Y4	yes	-	-	X	X

Objects for the process data channel

No.	Object name	Object	PNU	PZD	CAN No.	PD	Bus format	Word width
634.4	Setpoint for analog output 0	C3.AnalogOutput0_DemandValue	24	PED/PAD	0x2019	R/TPDO	I16	1
635.4	Setpoint for analog output 1	C3.AnalogOutput1_DemandValue	103	PED/PAD	0x2020	R/TPDO	I16	1
120.2	Status of digital inputs	C3.DigitalInput_Value	21	PED	0x6100.1	TPDO	V2	1
121.2	Input word of I/O option	C3.DigitalInputAddition_Value	175	PED	0x6100.2	TPDO	V2	1
133.3	Output word for I/O option	C3.DigitalOutputAddition_Value	176	PED/PAD	0x6300.2	R/TPDO	V2	1
2020.1	Position from external signal source	C3.ExternalSignal_Position		PED		TPDO	C4_3	2
2020.2	Speed from external signal source	C3.ExternalSignal_Speed		PED		TPDO	C4_3	2
688.2	Status of actual current RMS (torque producing)	C3.StatusCurrent_Actual		PED		TPDO	E2_6	1
683.1	Status of actual current value	C3.StatusDevice_ActualCurrent	112	PED	0x6077	TPDO	E2_6	1
680.5	Status actual position	C3.StatusPosition_Actual	28	PED	0x6064	TPDO	C4_3	2
680.6	Status of following error	C3.StatusPosition_FollowingError	100	PED	0x60F4	TPDO	C4_3	2
681.5	Status actual speed unfiltered	C3.StatusSpeed_Actual	8	PED	0x606C	TPDO	C4_3	2
681.7	Status of the actual speed in the Y2 format	C3.StatusSpeed_Actual_Y2	6	PED	0x2023	TPDO	Y2	1
681.8	Status of the actual speed in the Y4 format	C3.StatusSpeed_Actual_Y4	117	PED	0x2024	TPDO	Y4	2
681.6	Status control deviation of speed	C3.StatusSpeed_Error	101	PED	0x2027	TPDO	C4_3	2
685.3	Status of analog input 0	C3.StatusVoltage_AnalogInput0	23	PED	0x2025	TPDO	Y2	1
685.4	Status of analog input 1	C3.StatusVoltage_AnalogInput1	102	PED	0x2026	TPDO	Y2	1
1901.1	Variable Column 1 Row 1	C3Array.Col01_Row01	130/341.1	PED/PAD	0x2301.1	R/TPDO	Y4	2
1901.2	Variable Column 1 Row 2	C3Array.Col01_Row02	131/341.2	PED/PAD	0x2301.2	R/TPDO	Y4	2
1901.3	Variable Column 1 Row 3	C3Array.Col01_Row03	132/341.3	PED/PAD	0x2301.3	R/TPDO	Y4	2
1901.4	Variable Column 1 Row 4	C3Array.Col01_Row04	133/341.4	PED/PAD	0x2301.4	R/TPDO	Y4	2
1901.5	Variable Column 1 Row 5	C3Array.Col01_Row05	134/341.5	PED/PAD	0x2301.5	R/TPDO	Y4	2
1902.1	Variable Column 2 Row 1	C3Array.Col02_Row01	135/342.1	PED/PAD	0x2302.1	R/TPDO	Y2	1
1902.2	Variable Column 2 Row 2	C3Array.Col02_Row02	136/342.2	PED/PAD	0x2302.2	R/TPDO	Y2	1
1902.3	Variable Column 2 Row 3	C3Array.Col02_Row03	137/342.3	PED/PAD	0x2302.3	R/TPDO	Y2	1
1902.4	Variable Column 2 Row 4	C3Array.Col02_Row04	138/342.4	PED/PAD	0x2302.4	R/TPDO	Y2	1
1902.5	Variable Column 2 Row 5	C3Array.Col02_Row05	139/342.5	PED/PAD	0x2302.5	R/TPDO	Y2	1
1903.1	Variable Column 3 Row 1	C3Array.Col03_Row01	140/343.1	PED/PAD	0x2303.1	R/TPDO	I16	1
1903.2	Variable Column 3 Row 2	C3Array.Col03_Row02	141/343.2	PED/PAD	0x2303.2	R/TPDO	I16	1
1903.3	Variable Column 3 Row 3	C3Array.Col03_Row03	142/343.3	PED/PAD	0x2303.3	R/TPDO	I16	1
1903.4	Variable Column 3 Row 4	C3Array.Col03_Row04	143/343.4	PED/PAD	0x2303.4	R/TPDO	I16	1
1903.5	Variable Column 3 Row 5	C3Array.Col03_Row05	144/343.5	PED/PAD	0x2303.5	R/TPDO	I16	1
1904.1	Variable Column 4 Row 1	C3Array.Col04_Row01	145/344.1	PED/PAD	0x2304.1	R/TPDO	I16	1
1904.2	Variable Column 4 Row 2	C3Array.Col04_Row02	146/344.2	PED/PAD	0x2304.2	R/TPDO	I16	1
1904.3	Variable Column 4 Row 3	C3Array.Col04_Row03	147/344.3	PED/PAD	0x2304.3	R/TPDO	I16	1
1904.4	Variable Column 4 Row 4	C3Array.Col04_Row04	148/344.4	PED/PAD	0x2304.4	R/TPDO	I16	1
1904.5	Variable Column 4 Row 5	C3Array.Col04_Row05	149/344.5	PED/PAD	0x2304.5	R/TPDO	I16	1
1905.1	Variable Column 5 Row 1	C3Array.Col05_Row01	150/345.1	PED/PAD	0x2305.1	R/TPDO	I16	1
1905.2	Variable Column 5 Row 2	C3Array.Col05_Row02	151/345.2	PED/PAD	0x2305.2	R/TPDO	I16	1
1905.3	Variable Column 5 Row 3	C3Array.Col05_Row03	152/345.3	PED/PAD	0x2305.3	R/TPDO	I16	1
1905.4	Variable Column 5 Row 4	C3Array.Col05_Row04	153/345.4	PED/PAD	0x2305.4	R/TPDO	I16	1
1905.5	Variable Column 5 Row 5	C3Array.Col05_Row05	154/345.5	PED/PAD	0x2305.5	R/TPDO	I16	1
1906.1	Variable Column 6 Row 1	C3Array.Col06_Row01	155/346.1	PED/PAD	0x2306.1	R/TPDO	I32	2
1906.2	Variable Column 6 Row 2	C3Array.Col06_Row02	156/346.2	PED/PAD	0x2306.2	R/TPDO	I32	2
1906.3	Variable Column 6 Row 3	C3Array.Col06_Row03	157/346.3	PED/PAD	0x2306.3	R/TPDO	I32	2
1906.4	Variable Column 6 Row 4	C3Array.Col06_Row04	158/346.4	PED/PAD	0x2306.4	R/TPDO	I32	2
1906.5	Variable Column 6 Row 5	C3Array.Col06_Row05	159/346.5	PED/PAD	0x2306.5	R/TPDO	I32	2
1907.1	Variable Column 7 Row 1	C3Array.Col07_Row01	160/347.1	PED/PAD	0x2307.1	R/TPDO	I32	2
1907.2	Variable Column 7 Row 2	C3Array.Col07_Row02	161/347.2	PED/PAD	0x2307.2	R/TPDO	I32	2
1907.3	Variable Column 7 Row 3	C3Array.Col07_Row03	162/347.3	PED/PAD	0x2307.3	R/TPDO	I32	2
1907.4	Variable Column 7 Row 4	C3Array.Col07_Row04	163/347.4	PED/PAD	0x2307.4	R/TPDO	I32	2
1907.5	Variable Column 7 Row 5	C3Array.Col07_Row05	164/347.5	PED/PAD	0x2307.5	R/TPDO	I32	2
1908.1	Variable Column 8 Row 1	C3Array.Col08_Row01	165/348.1	PED/PAD	0x2308.1	R/TPDO	I32	2
1908.2	Variable Column 8 Row 2	C3Array.Col08_Row02	166/348.2	PED/PAD	0x2308.2	R/TPDO	I32	2
1908.3	Variable Column 8 Row 3	C3Array.Col08_Row03	167/348.3	PED/PAD	0x2308.3	R/TPDO	I32	2
1908.4	Variable Column 8 Row 4	C3Array.Col08_Row04	168/348.4	PED/PAD	0x2308.4	R/TPDO	I32	2
1908.5	Variable Column 8 Row 5	C3Array.Col08_Row05	169/348.5	PED/PAD	0x2308.5	R/TPDO	I32	2
1909.1	Variable Column 9 Row 1	C3Array.Col09_Row01	170/349.1	PED/PAD	0x2309.1	R/TPDO	I32	2
1909.2	Variable Column 9 Row 2	C3Array.Col09_Row02	171/349.2	PED/PAD	0x2309.2	R/TPDO	I32	2
1909.3	Variable Column 9 Row 3	C3Array.Col09_Row03	172/349.3	PED/PAD	0x2309.3	R/TPDO	I32	2
1909.4	Variable Column 9 Row 4	C3Array.Col09_Row04	173/349.4	PED/PAD	0x2309.4	R/TPDO	I32	2
1909.5	Variable Column 9 Row 5	C3Array.Col09_Row05	174/349.5	PED/PAD	0x2309.5	R/TPDO	I32	2
1910.1	Indirect table access Column 1	C3Array.Indirect_Col01	181	PED/PAD	0x2311	R/TPDO	Y4	2
1910.2	Indirect table access Column 2	C3Array.Indirect_Col02	182	PED/PAD	0x2312	R/TPDO	Y2	1
1910.3	Indirect table access Column 3	C3Array.Indirect_Col03	183	PED/PAD	0x2313	R/TPDO	I16	1
1910.4	Indirect table access Column 4	C3Array.Indirect_Col04	184	PED/PAD	0x2314	R/TPDO	I16	1
1910.5	Indirect table access Column 5	C3Array.Indirect_Col05	185	PED/PAD	0x2315	R/TPDO	I16	1
1910.6	Indirect table access Column 6	C3Array.Indirect_Col06	186	PED/PAD	0x2316	R/TPDO	I32	2

No.	Object name	Object	PNU	PZD	CAN No.	PD	Bus format	Word width
1910.7	Indirect table access Column 7	C3Array.Indirect_Col07	187	PED/PAD	0x2317	R/TPDO	I32	2
1910.8	Indirect table access Column 8	C3Array.Indirect_Col08	188	PED/PAD	0x2318	R/TPDO	I32	2
1910.9	Indirect table access Column 9	C3Array.Indirect_Col09	189	PED/PAD	0x2319	R/TPDO	I32	2
1900.1	Pointer to table row	C3Array.Pointer_Row	180	PED/PAD	0x2300	R/TPDO	U16	1
1100.3	CW control word	C3Plus.DeviceControl_Controlword_1	1	PED/PAD	0x6040	R/TPDO	V2	1
1100.4	Control word 2	C3Plus.DeviceControl_Controlword_2	3	PED/PAD	0x201B	R/TPDO	V2	1
1100.5	Operating mode	C3Plus.DeviceControl_OperationMode	127/930	PED/PAD	0x6060	R/TPDO	I16	1
1000.5	Operating mode display	C3Plus.DeviceState_ActualOperationMode	128	PED/PAD	0x6061	R/TPDO	I16	1
1000.3	Status word SW	C3Plus.DeviceState_Statusword_1	2	PED/PAD	0x6041	R/TPDO	V2	1
1000.4	Status word 2	C3Plus.DeviceState_Statusword_2	4	PED/PAD	0x201C	R/TPDO	V2	1
550.1	Current error (n)	C3Plus.ErrorHistory_LastError	115/947.0	PED	0x603F/ 0x201D.1	TPDO	U16	1
152.1	PIO analog input 0	C3Plus.RemoteAnalogInput_I0		PED/PAD	0x2082.1	R/TPDO	I16	1
152.2	PIO analog input 1	C3Plus.RemoteAnalogInput_I1		PED/PAD	0x2082.2	R/TPDO	I16	1
152.3	PIO analog input 2	C3Plus.RemoteAnalogInput_I2		PED/PAD	0x2082.3	R/TPDO	I16	1
152.4	PIO analog input 3	C3Plus.RemoteAnalogInput_I3		PED/PAD	0x2082.4	R/TPDO	I16	1
153.1	PIO analog output 0	C3Plus.RemoteAnalogOutput_O0		PED/PAD	0x2083.1	R/TPDO	I16	1
153.2	PIO analog output 1	C3Plus.RemoteAnalogOutput_O1		PED/PAD	0x2083.2	R/TPDO	I16	1
153.3	PIO analog output 2	C3Plus.RemoteAnalogOutput_O2		PED/PAD	0x2083.3	R/TPDO	I16	1
153.4	PIO analog output 3	C3Plus.RemoteAnalogOutput_O3		PED/PAD	0x2083.4	R/TPDO	I16	1
150.1	Digital PIO inputs 0...15	C3Plus.RemoteDigInput_I0_15		PED/PAD	0x2080.1	R/TPDO	V2	1
150.2	Digital PIO inputs 16..0.31	C3Plus.RemoteDigInput_I16_31		PED/PAD	0x2080.2	R/TPDO	V2	1
150.3	Digital PIO inputs 32..0.47	C3Plus.RemoteDigInput_I32_47		PED/PAD	0x2080.3	R/TPDO	V2	1
150.4	Digital PIO inputs 48..0.63	C3Plus.RemoteDigInput_I48_63		PED/PAD	0x2080.4	R/TPDO	V2	1
151.1	Digital PIO outputs 0...15	C3Plus.RemoteDigOutput_O0_15		PED/PAD	0x2081.1	R/TPDO	V2	1
151.2	Digital PIO outputs 16..0.31	C3Plus.RemoteDigOutput_O16_31		PED/PAD	0x2081.2	R/TPDO	V2	1
151.3	Digital PIO outputs 32..0.47	C3Plus.RemoteDigOutput_O32_47		PED/PAD	0x2081.3	R/TPDO	V2	1
151.4	Digital PIO outputs 48..0.63	C3Plus.RemoteDigOutput_O48_63		PED/PAD	0x2081.4	R/TPDO	V2	1
680.8	Status position actual value in the bus format Y4	C3Plus.StatusPosition_Actual_Y4	119	PED	0x2022	TPDO	Y4	2