

User's Manual

Model NC210 RS485/CC-Link Converter Profile 101 Procedure

IM 77P01C01-07E

This user's manual describes the explanation for Profile 101.
Before reading this Profile 101 Procedure, please read Profile Common Manual (IM 77P01C01-02E).
Then check the instrument connection conditions, and check Mode or set Mode if necessary.
This user's manual should be kept in safety place.



IM 77P01C01-07E
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1. DATA MONITORING MODE

● Read-out data from controller (OUT)

The output value (OUT: % data) of up to 16 signal conditioner can be read-out.

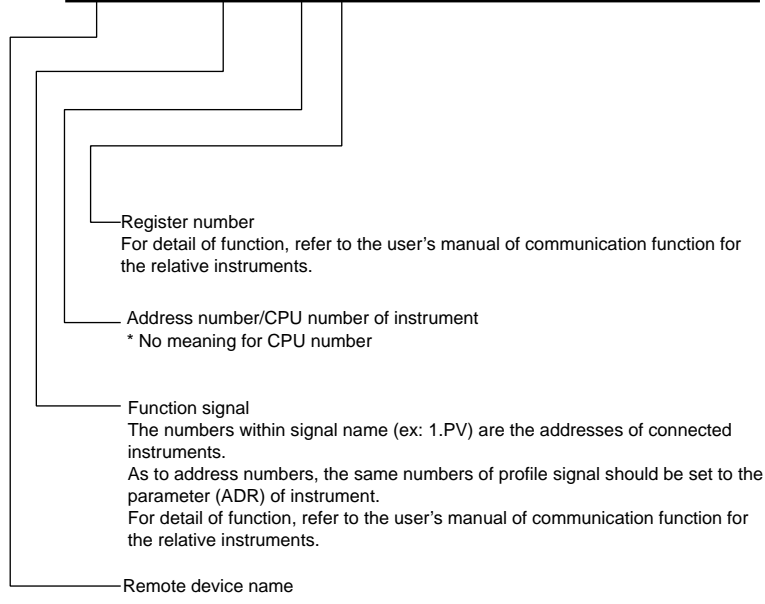
[PROCEDURE]

- Read out Normal connection of slave flag [RX (n+5)0 to RX (n+5)F] and Receive data valid flag (RX n3). And check that those are both [1].
- Read out the required data from Remote Register (RWr n+0 to RWr n+F).

<<PROFILE 101 for Data Monitoring Mode>>

Remote Register

Read out area			Write in area		
Remote→Master			Master→Remote		
Address	Signal name	Contents	Address	Signal name	Contents
RWr n+0	1.OUT	1/1 D0008	RWw m+0		
RWr n+1	2.OUT	2/1 D0008	RWw m+1		
RWr n+2	3.OUT	3/1 D0008	RWw m+2		
RWr n+3	4.OUT	4/1 D0008	RWw m+3		
RWr n+4	5.OUT	5/1 D0008	RWw m+4		
RWr n+5	6.OUT	6/1 D0008	RWw m+5		
RWr n+6	7.OUT	7/1 D0008	RWw m+6		
RWr n+7	8.OUT	8/1 D0008	RWw m+7		
RWr n+8	9.OUT	9/1 D0008	RWw m+8		
RWr n+9	10.OUT	10/1 D0008	RWw m+9		
RWr n+A	11.OUT	11/1 D0008	RWw m+A		
RWr n+B	12.OUT	12/1 D0008	RWw m+B		
RWr n+C	13.OUT	13/1 D0008	RWw m+C		
RWr n+D	14.OUT	14/1 D0008	RWw m+D		
RWr n+E	15.OUT	15/1 D0008	RWw m+E		
RWr n+F	16.OUT	16/1 D0008	RWw m+F		



Remote Input/Output

Read out area			Write in area		
Remote→Master			Master→Remote		
Address	Signal name	Contents	Address	Signal name	Contents
RX n0	Data monitoring mode		RY n0	Request for data monitoring mode	
RX n1			RY n1		
RX n2			RY n2		
RX n3	Receive data valid flag		RY n3		
RX n4			RY n4		
RX n5			RY n5		
RX n6			RY n6		
RX n7			RY n7		
RX n8			RY n8		
RX n9			RY n9		
RX nA			RY nA		
RX nB			RY nB		
RX nC			RY nC		
RX nD			RY nD		
RX nE			RY nE		
RX nF			RY nF		
RX (n+1)0			RY (n+1)0		
RX (n+1)1			RY (n+1)1		
RX (n+1)2			RY (n+1)2		
RX (n+1)3			RY (n+1)3		
RX (n+1)4			RY (n+1)4		
RX (n+1)5			RY (n+1)5		
RX (n+1)6			RY (n+1)6		
RX (n+1)7			RY (n+1)7		
RX (n+1)8			RY (n+1)8		
RX (n+1)9			RY (n+1)9		
RX (n+1)A			RY (n+1)A		
RX (n+1)B			RY (n+1)B		
RX (n+1)C			RY (n+1)C		
RX (n+1)D			RY (n+1)D		
RX (n+1)E			RY (n+1)E		
RX (n+1)F			RY (n+1)F		
RX (n+2)0			RY (n+2)0		
RX (n+2)1			RY (n+2)1		
RX (n+2)2			RY (n+2)2		
RX (n+2)3			RY (n+2)3		
RX (n+2)4			RY (n+2)4		
RX (n+2)5			RY (n+2)5		
RX (n+2)6			RY (n+2)6		
RX (n+2)7			RY (n+2)7		
RX (n+2)8			RY (n+2)8		
RX (n+2)9			RY (n+2)9		
RX (n+2)A			RY (n+2)A		
RX (n+2)B			RY (n+2)B		
RX (n+2)C			RY (n+2)C		
RX (n+2)D			RY (n+2)D		
RX (n+2)E			RY (n+2)E		
RX (n+2)F			RY (n+2)F		
:			:		
RX (n+5)0	Normal connection of slave 01		RY (n+5)0		
RX (n+5)1	Normal connection of slave 02		RY (n+5)1		
RX (n+5)2	Normal connection of slave 03		RY (n+5)2		
RX (n+5)3	Normal connection of slave 04		RY (n+5)3		
RX (n+5)4	Normal connection of slave 05		RY (n+5)4		
RX (n+5)5	Normal connection of slave 06		RY (n+5)5		
RX (n+5)6	Normal connection of slave 07		RY (n+5)6		
RX (n+5)7	Normal connection of slave 08		RY (n+5)7		
RX (n+5)8	Normal connection of slave 09		RY (n+5)8		
RX (n+5)9	Normal connection of slave 10		RY (n+5)9		
RX (n+5)A	Normal connection of slave 11		RY (n+5)A		
RX (n+5)B	Normal connection of slave 12		RY (n+5)B		
RX (n+5)C	Normal connection of slave 13		RY (n+5)C		
RX (n+5)D	Normal connection of slave 14		RY (n+5)D		
RX (n+5)E	Normal connection of slave 15		RY (n+5)E		
RX (n+5)F	Normal connection of slave 16		RY (n+5)F	Request for re-scanning	
RX (n+6)0	Reserved		RY (n+6)0	Reserved	
:	Reserved		:	Reserved	
:	Reserved		:	Reserved	
:	Reserved		:	Reserved	
RX (n+7)A	Reserved		RY (n+7)A	Reserved	
RX (n+7)B	Remote READY flag		RY (n+7)B	Reserved	
RX (n+7)C	Reserved		RY (n+7)C	Reserved	
RX (n+7)D	Reserved		RY (n+7)D	Reserved	
RX (n+7)E	Reserved		RY (n+7)E	Reserved	
RX (n+7)F	Reserved		RY (n+7)F	Reserved	