

## NIKKI DENSO NCS-FI/FS Series

### HMI Factory Setting:

Baud rate: 9600, 8, Odd, 2

Controller Station Number: 1 (Valid 0 ~ 99)

Control Area / Status Area: None/None

### Connection

#### a. RS-422 (DOP-A/AE Series)

DOP Series		Controller
9 pin D-sub male (RS-422)		14 pin special male (RS-422)
RXD- (1)	—————	(9) TXD(B)
RXD+ (2)	—————	(2) TXD(A)
TXD+ (3)	—————	(4) RXD(A)
TXD- (4)	—————	(11) RXD(B)

#### b. RS-422 (DOP-AS35/AS38/AS57 Series)

DOP Series		Controller
9 pin D-sub male (RS-422)		14 pin special male (RS-422)
R-	—————	(9) TXD(B)
R+	—————	(2) TXD(A)
T+	—————	(4) RXD(A)
T-	—————	(11) RXD(B)

**c. RS-422 (DOP-B Series)**

DOP Series	Controller
9 pin D-sub male (RS-422)	14 pin special male (RS-422)
RXD- (1)	(9) TXD(B)
RXD+ (2)	(2) TXD(A)
TXD+ (3)	(4) RXD(A)
TXD- (4)	(11) RXD(B)

**Definition of PLC Read/Write Address**

**a. Registers**

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
WORD_DEVICE_ RRegister	RW-n	RW-0 - RW-3999	Word	
WORD_DEVICE_ RRegister	RW-n	RW-8000 - RW-9999	Word	
WORD_DEVICE_ DStatus	XW-n	XW-0 - XW-8	Word	
WORD_DEVICE_ DStatus	DW-n	DW-0 - DW-9999	Word	Read only
WORD_DEVICE_ RRegister	RD-n	RD-0 - RD-3999	Double Word	
WORD_DEVICE_ RRegister	RD-n	RD-8000 - RD-9998	Double Word	
WORD_DEVICE_ DStatus	DD-n	DD-0 - DD-9998	Double Word	Read only

**b. Contacts**

Type	Format	Read/Write Range	Note
	Word No. (n)		
	Bit No. (b)		
BIT_DEVICE_ RRegister	RB-nb	RB-00 - RB-3999F	
BIT_DEVICE_ RRegister	RB-nb	RB-80000 - RB-9999F	
BIT_DEVICE_ BitControl	XB-nb	XB-00 - XB-8F	



- 1) The valid controller station number is in the range of 0~99, an input greater than this range would only count for the last two digits.