

## Rockwell EtherNet/IP (DF1)

Supported Series: Rockwell MicroLogix 1100, 1400, SLC5/05 Ethernet port.

MicroLogix1000, 1200, 1500, SLC 5/03, 5/04 with 1761-NET-ENI

Website: <https://www.rockwellautomation.com/>

### HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Rockwell EtherNet/IP (DF1)		
PLC I/F	Ethernet		
Port no.	44818		
HMI sta. no.	0		
PLC sta. no.	1		

### PLC Setting:

Communication mode	Port Setting: 10/100 Mbps Full Duplex/Half Duplex
--------------------	---

### Device Address:

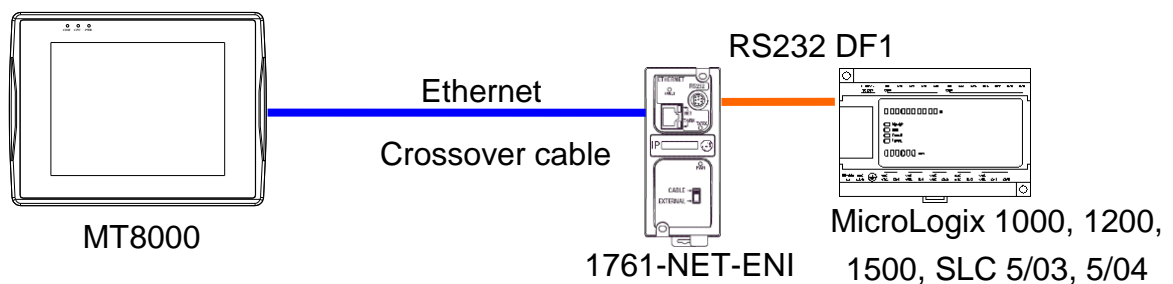
Bit/Word	Device	Format	Range	Memo
B	I1	DDDdd	0 ~ 25515	Input (I)
B	O0	DDDdd	0 ~ 25515	Output (O)
B	I1n_Bit	SSEEd	0 ~ 303115	SS: slot, EE: sub element, dd:bit
B	O0n_Bit	SSEEd	0 ~ 303115	SS: slot, EE: sub element, dd:bit
B	B3	DDDdd	0 ~ 25515	Bit data file (B3)
B	S_Bit	DDDDDDdd	0 ~ 25525515	Status file
B	Lfn_Bit	FFFDDDDdd	0 ~ 25525531	Long (Bit)
B	Bfn	FFFDDDDdd	0 ~ 25525515	Bit data file (B3, 10 ~ 254)
B	NfnBit	FFFDDDDdd	0 ~ 25525515	Integer data file bit level (N7, 10 ~ 254)
W	I1n	SSEE	0 ~ 3031	SS: slot, EE: sub element
W	O0n	SSEE	0 ~ 3031	SS: slot, EE: sub element
W	T4SV	DDD	0 ~ 255	Timer Preset Value (T4)
W	T4PV	DDD	0 ~ 255	Timer Accumulator Value (T4)
W	C5SV	DDD	0 ~ 255	Counter Preset Value (C5)
W	C5PV	DDD	0 ~ 255	Counter Accumulator Value (C5)
W	TfnSV	FFFDDD	0 ~ 255255	Timer Preset Value

Bit/Word	Device	Format	Range	Memo
W	TfnPV	FFFDDD	0 ~ 255255	Timer Accumulator Value
W	CfnSV	FFFDDD	0 ~ 255255	Counter Preset Value
W	CfnPV	FFFDDD	0 ~ 255255	Counter Accumulator Value
W	S	DDD	0 ~ 255	Status (S)
W	N7	DDD	0 ~ 255	Integer data file (N7)
W	Nfn	FFFDDD	0 ~ 255255	Integer data file (N7, 10 ~ 254)
DW (F)	F8	DDD	0 ~ 255	Floating point data file (F8)
DW (F)	Ffn	FFFDDD	0 ~ 255255	Floating point data file (F8, 10 ~ 254)
DW	Lfn	FFFDDD	0 ~ 255255	Driver version 2.00 or later supported
W	Bfn_Word	FFFDDD	0 ~ 255255	Bit data file (Word)
W	STfn	DDD.DDD.DD	0 ~ 255.255.40	File no.Element no.Data no.

## Wiring Diagram:

### Diagram 1

Direct connect (crossover cable):



Through a hub:

