

GE Fanuc series 90-30 (Ethernet)

GE 90-30 series, CPU model 374plus

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	GE fanuc series 90-30 (Ethernet)		
Com port	Ethernet		
PLC station No.	1	1~99	
Port No.	18245		

Device address:

Bit/Word	Device type	Format	Range	Memo
B	I_bit	dddd	1 ~ 2048	
B	Q_bit	dddd	1 ~ 2048	
B	M_bit	dddd	1 ~ 4096	
B	G_bit	dddd	1 ~ 1280	
B	T_bit	ddd	1 ~ 256	
B	SA_bit	dd	1 ~ 32	Read Only
B	SB_bit	dd	1 ~ 32	Read Only
B	SC_bit	dd	1 ~ 32	Read Only
B	S_bit	dd	1 ~ 32	Read Only
W	I	dddd	1 ~ 2033	Address increases 8 words, ex: I1, I9, I17, I25.....
W	Q	dddd	1 ~ 2033	the rule is same as above, ex:Q1, Q9, Q17....
W	M	dddd	1 ~ 4081	the rule is same as above, ex:M1, M9, M17..
W	G	dddd	1 ~ 1256	the rule is same as above, ex:G1, G9, G17...
W	T	ddd	1 ~ 241	the rule is same as above, ex:T1, T9, T17....
W	SA	dd	1 ~ 17	Read Only, the rule is

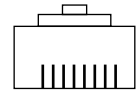
				same as above
W	SB	dd	1 ~ 17	Read Only, the rule is same as above
W	SC	dd	1 ~ 17	Read Only, the rule is same as above
W	S	dd	1 ~ 17	Read Only, the rule is same as above
W	R	dddd	1 ~ 9999	
W	AI	dddd	1 ~ 2048	
W	AQ	ddd	1 ~ 512	

Wiring diagram:

Ethernet:

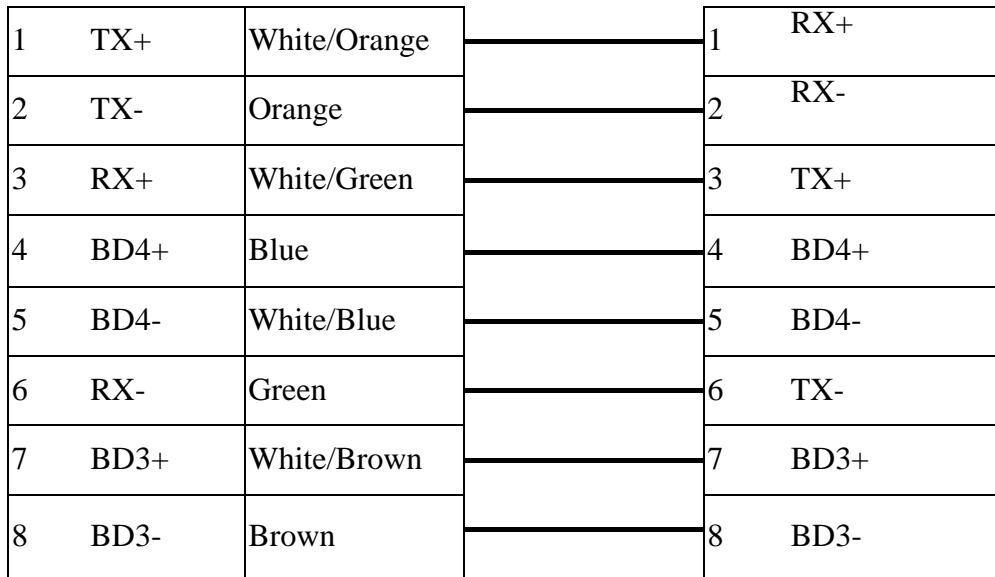
MT8000 Ethernet Wire color
RJ45

Ethernet Hub or
Switch RJ45



1 8

RJ45



Ethernet: Direct connect (crossover cable)

MT8000 Ethernet Wire color

Modbus TCP Device

RJ45

RJ45

1	TX+	White/Orange	—————	3	RX+
2	TX-	Orange	—————	6	RX-
3	RX+	White/Green	—————	1	TX+
4	BD4+	Blue	—————	4	BD4+
5	BD4-	White/Blue	—————	5	BD4-
6	RX-	Green	—————	2	TX-
7	BD3+	White/Brown	—————	7	BD3+
8	BD3-	Brown	—————	8	BD3-