

IDEC

IDEC Micro3, Micro3C, MicroSmart, OpenNet Controller series

<http://www.idec.com>

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	IDEC Micro		Support Extend address mode
Com port	RS232	RS232, RS485	
Baud rate	9600	9600, 19200	
Parity bit	Even	Even, Odd, None	
Data Bits	7	7, 8	
Stop Bits	1	1	
HMI Station No.	0		Does not apply to this protocol
PLC Station No.	255 (for 1:1 connect)	0-255	255 or same as the PLC setting

Online Simulator	YES	
Direct Online Simulator	YES	
Extend address mode	YES	Don't set the PLC Station No.= 255

PLC Setting:

Communication mode	9600,E,7,1(default), Use Computer Link Protocol
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Device address:

Bit/Word	Device Type	Format	Range	Memo
B	X	ddd(o)	ddd=0~2047, (o)=0~7	Input(I)
B	Y	ddd(o)	ddd=0~2047, (o)=0~7	Output(Q)
B	M	ddd(o)	ddd=0~2047, (o)=0~7	Internal Relay(M)
W	RT	ddd	ddd=0~9999	Timer(T)
W	RC	ddd	ddd=0~9999	Counter(C)
W	D	ddd	ddd=0~9999	Data Register(D)

Wiring diagram:

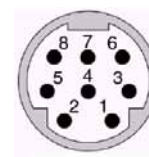
RS232: Micro3C, MicroSmart, OpenNet Controller CPU Ladder Port

MT8000 RS232

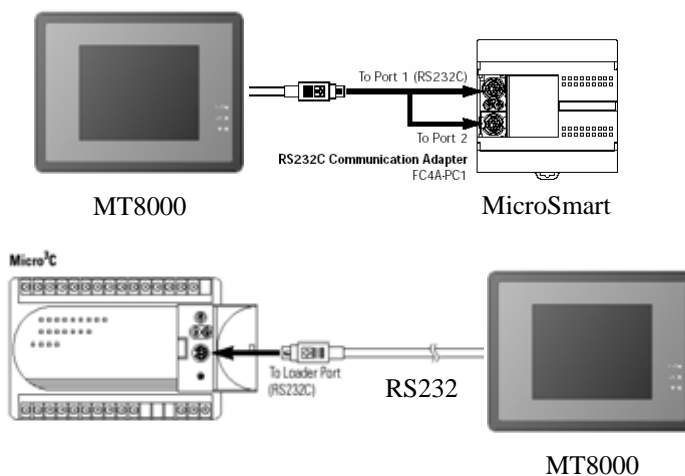
CPU port 1 or port2 RS-232

8P mini DIN Male

COM1	COM2	COM3	
3 TX	4 TX	7 TX	4 RXD
2 RX	6 RX	8 RX	3 TXD
5 GND	5 GND	5 GND	7 GND



8Pin mini DIN Female Pin Layout



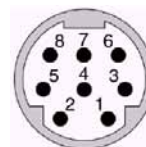
RS485: Micro3 CPU Port, MicroSmart with FC4A-PC2 RS485 Communication Adapter

MT8000 RS-485

CPU Port RS-485

8P mini DIN Male

COM1	COM3	
1 RX-	6 Data-	2 RXD-
2 RX+	9 Data+	1 RXD+
5 GND	5 GND	7 GND



8Pin mini DIN Female Pin Layout

RS485: Micro3C, OpenNet Controller Data Link Terminals,

MicroSmart with FC4A-PC3 RS485 Communication Adapter

MT8000 RS-485

Data Link Terminals

9P D-SUB Female

COM1	COM3	
1 RX-	6 Data-	A RXD-
2 RX+	9 Data+	B RXD+
5 GND	5 GND	SG GND

