IDEC Micro

Supported Series: IDEC Micro3, Micro3C, OpenNet Controller series
Website: http://www.idec.com

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	IDEC Micro		
PLC I/F	RS232	RS232, RS485	
Baud rate	9600	9600, 19200	
Data bits	7	7, 8	
Parity	Even	Even, Odd, None	
Stop bits	1	1	
PLC sta. no.	255 (for 1:1 connect)	0-255	255 or same as the PLC setting

Online simulator	YES
Extend address mode	YES (Do not set the PLC Station No. to 255)

PLC Setting:

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

Device Address:

Bit/Word	Device type	Format	Range	Memo
B	X	DDDDo	0 ~ 20477	Input (I)
B	Y	DDDDo	0 ~ 20477	Output (Q)
B	M	DDDDo	0 ~ 20477	Internal Relay (M)
W	RT	DDDD	0 ~ 9999	Timer (T)
W	RC	DDDD	0 ~ 9999	Counter (C)
W	D	DDDD	0 ~ 9999	Data Register (D)

Wiring Diagram:

Diagram 1

RS-232 (Micro3C, MicroSmart, OpenNet Controller CPU Ladder Port)

The serial port pin assignments may vary between HMI models, please click the following link for more information.

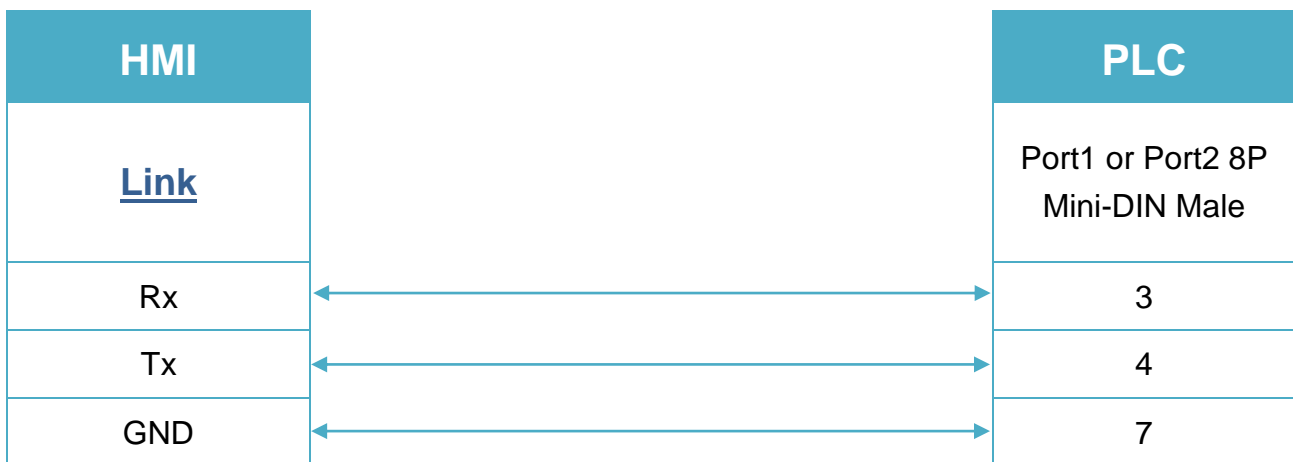**The following is the view from the soldering point of a connector.**

HMI	PLC
Link	Port1 or Port2 8P Mini-DIN Male
Rx	3
Tx	4
GND	7

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Diagram 2

RS-485 2W (Micro3 CPU Port, MicroSmart with FC4A-PC2 RS485 Communication Adapter)

The serial port pin assignments may vary between HMI models, please click the following link for more information.

The following is the view from the soldering point of a connector.

HMI		PLC
Link		RS485 8P Mini-DIN Male
Data-	←→	2
Data+	←→	1
GND	←→	7

![WEINTEK logo]

Diagram 3

RS-485 2W (Micro3C, OpenNet Controller Data Link Terminals,MicroSmart with FC4A-PC3 RS485 Communication Adapter)

The serial port pin assignments may vary between HMI models, please click the following link for more information.

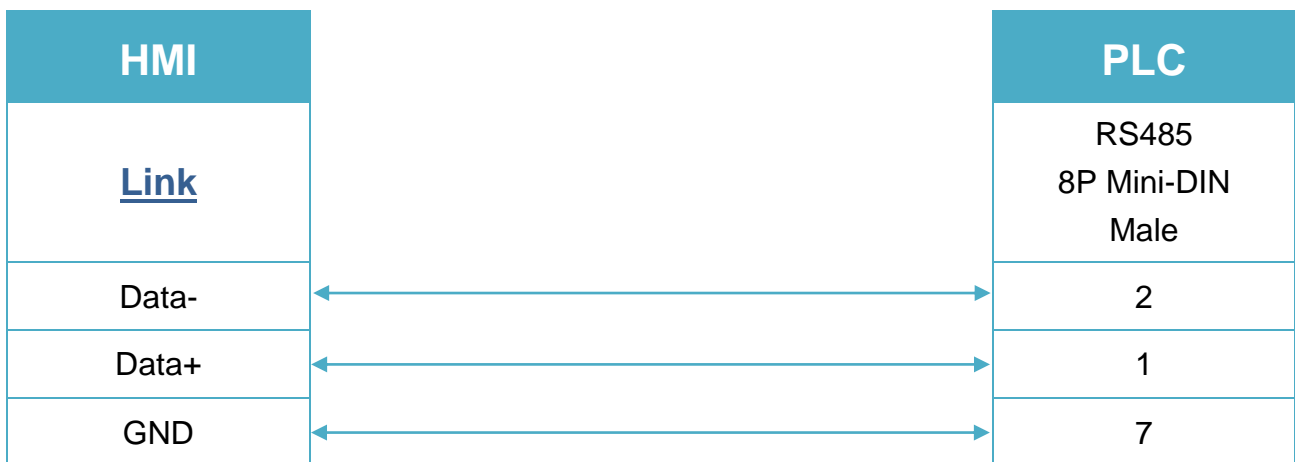**The following is the view from the soldering point of a connector.**

HMI		PLC
Link		Data Link Terminal
Data-	←——————————→	A
Data+	←——————————→	B
GND	←——————————→	SG