

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
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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:

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



Micro3C, MicroSmart, OpenNet Controller CPU Ladder Port (Diagram 1 ~ Diagram 3)

Diagram 1

cMT Series	<i>cMT3071 / cMT3072 / cMT3090 / cMT3103 / cMT3151</i>
eMT Series	<i>eMT3070 / eMT3105 / eMT3120 / eMT3150</i>
MT-iE	<i>MT8073iE / MT8102iE</i>
MT-XE	<i>MT8092XE</i>
MT-iP	<i>MT6103iP / MT8102iP</i>

HMI				PLC
	COM1	COM3	←	Port1 or Port2
	RS232 9P Female	RS232 9P Female		8P Mini-DIN Male
Rx	2	8	←	3
Tx	3	7	←	4
GND	5	5	←	7

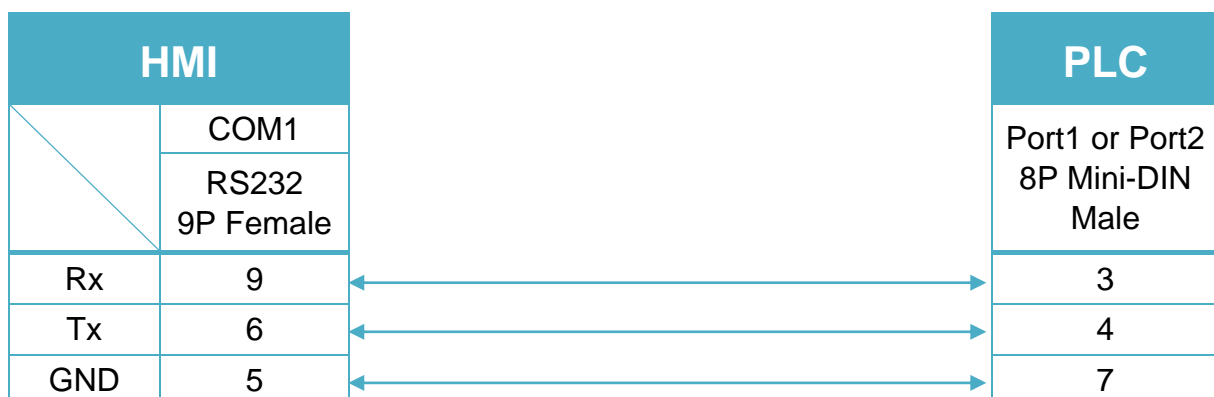
Diagram 2

cMT Series	<i>cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD</i>
mTV	<i>mTV</i>
MT-iE	<i>MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE / MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE / MT8101iE / MT8102iE / MT8103iE</i>
MT-XE	<i>MT8121XE / MT8150XE / MT8090XE</i>



Diagram 3

MT-iE	<i>MT8050iE / MT8053iE</i>
MT-iP	<i>MT6051iP / MT8051iP / MT6071iP / MT8071iP</i>



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



Micro3 CPU Port, MicroSmart with FC4A-PC2 RS485 Communication Adapter (Diagram 4 ~ Diagram 9)

Diagram 4

cMT Series

cMT3151

eMT Series

eMT3070 / eMT3105 / eMT3120 / eMT3150

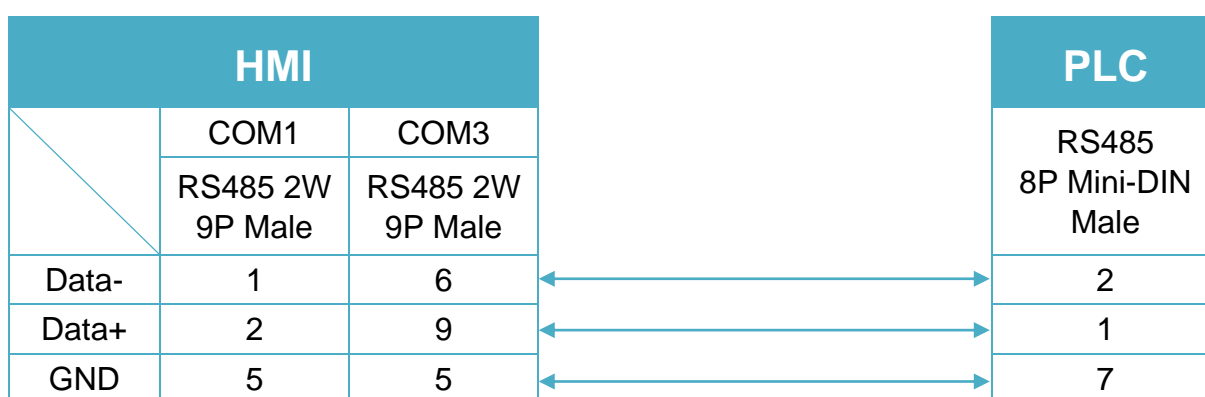


Diagram 5

cMT Series

cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD

mTV

mTV

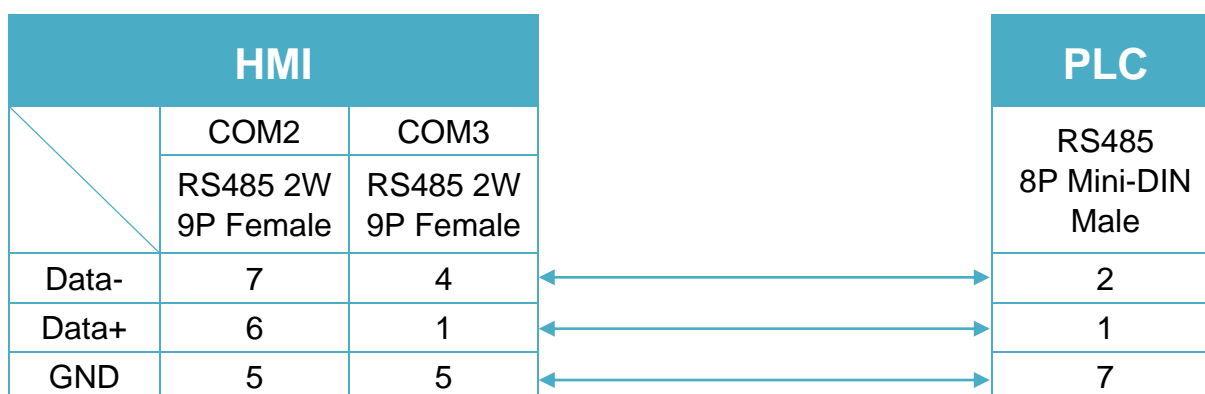


Diagram 8

MT-iE *MT8050iE / MT8053iE*

MT-iP *MT6051iP / MT8051iP*

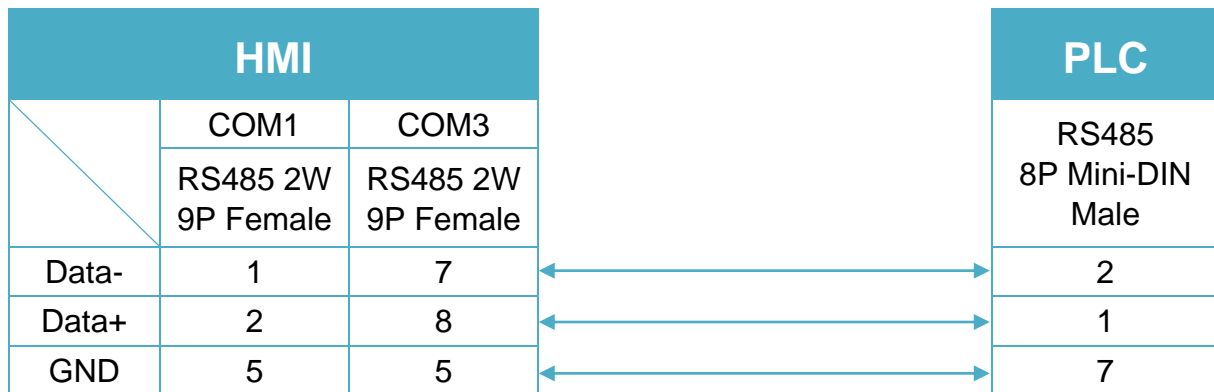
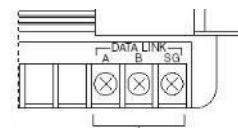


Diagram 9

MT-iP *MT6071iP / MT8071iP*



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



Micro3C, OpenNet Controller Data Link Terminals, MicroSmart with FC4A-PC3 RS485 Communication Adapter (Diagram 10 ~ Diagram 15)

Diagram 10

cMT Series *cMT3151*

eMT Series *eMT3070 / eMT3105 / eMT3120 / eMT3150*

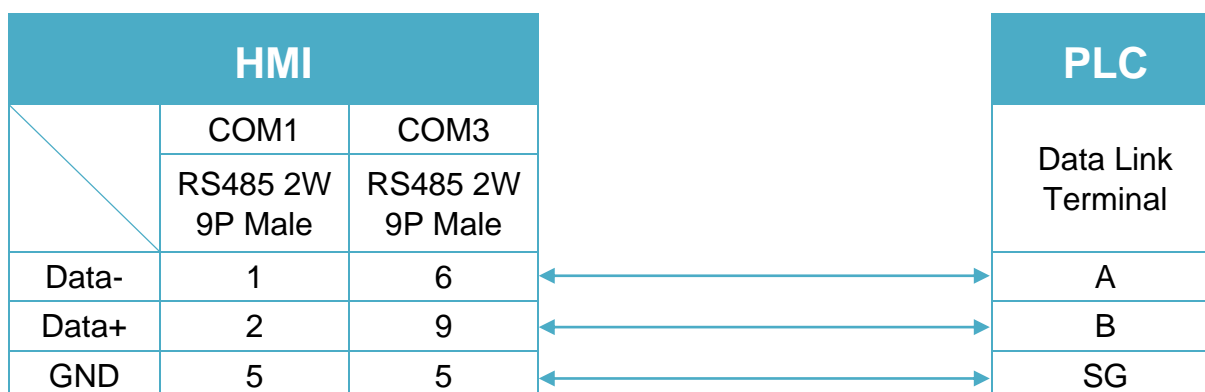


Diagram 11

cMT Series *cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD*

mTV *mTV*

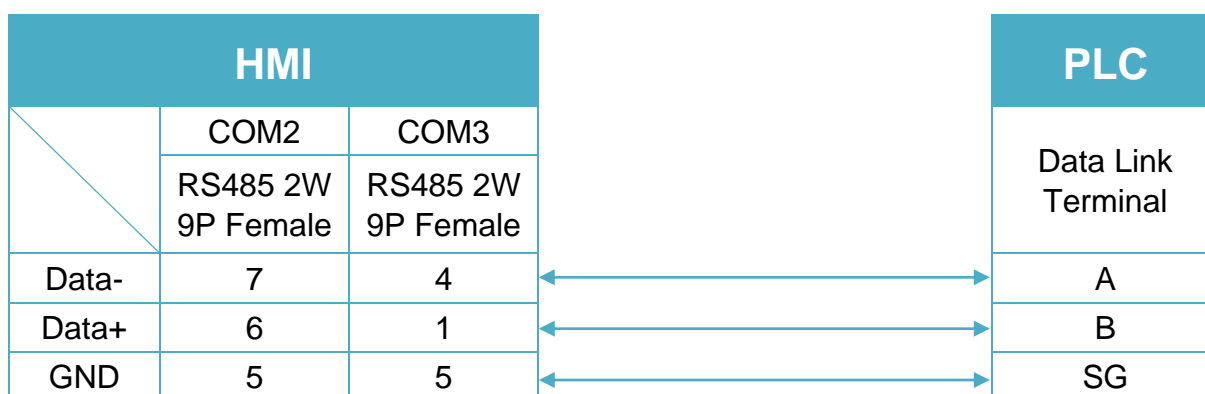


Diagram 12

MT-iE *MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE*

MT-XE *MT8121XE / MT8150XE*

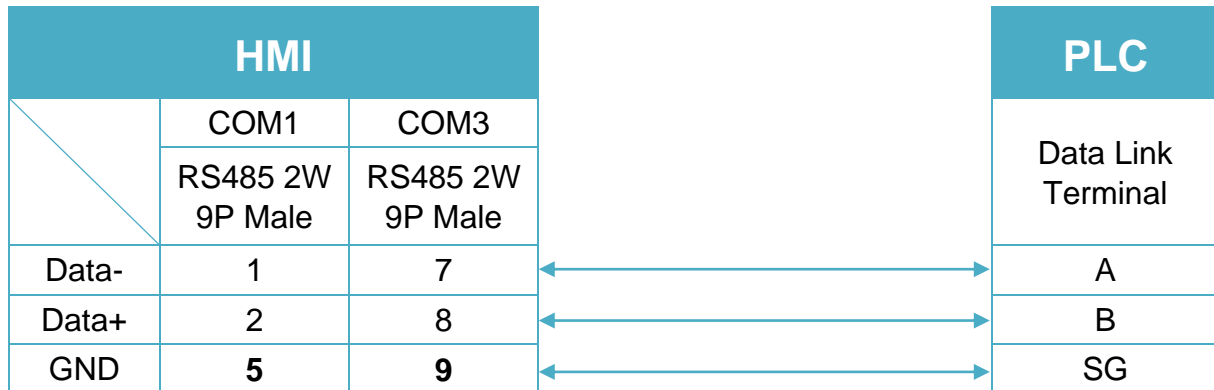


Diagram 13

cMT Series *cMT3071 / cMT3072 / cMT3090 / cMT3103*

MT-iE *MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE /
MT8101iE / MT8102iE / MT8103iE*

MT-XE *MT8090XE / MT8092XE*

MT-iP *MT6103iP / MT8102iP*

