

# Hitachi EH-SIO

## HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Hitachi EH-SIO		
PLC I/F	RS232	RS232, RS485	
Baud rate	19200	9600, 19200, 38400	
Data bits	7	7	
Parity	Even	Even	
Stop bits	1	1	
PLC sta. no.	0		

## PLC Setting:

<b>Communication mode</b>	19200, E, 7, 1 (default)
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## Device Address:

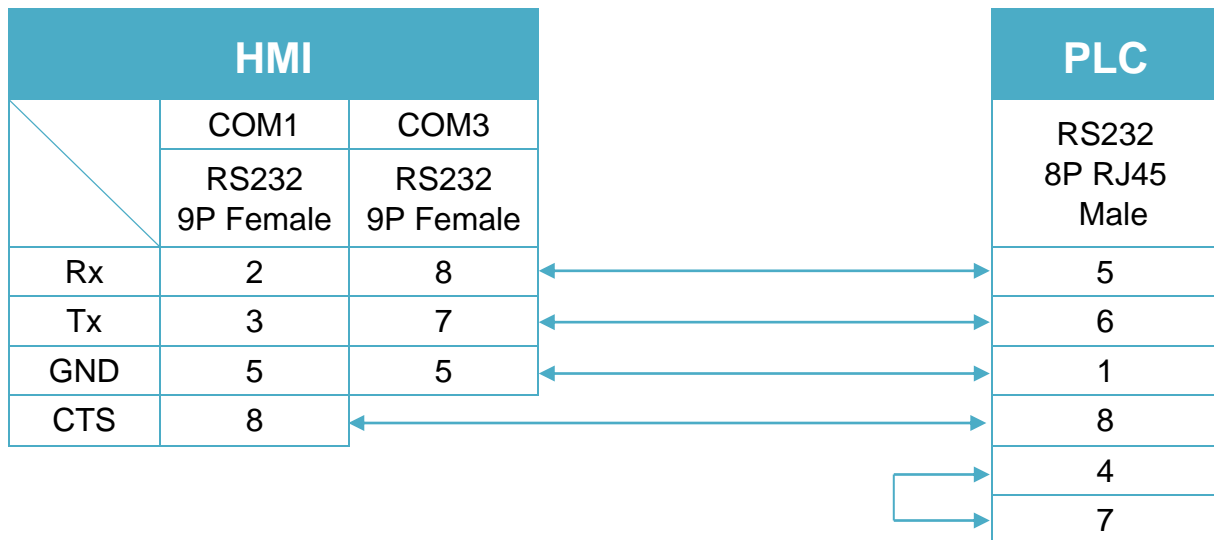
Bit/Word	Device type	Format	Range	Memo
B	X	HHHHh	0 ~ ffff	External input-bit (X)
B	Y	HHHHh	0 ~ ffff	External output-bit (Y)
B	M	HHHHh	0 ~ ffff	Data area-bit (M)
B	T	HHHHh	0 ~ ffff	Timer (T)
B	R	HHHHh	0 ~ ffff	Internal output (R)
B	L	HHHHh	0 ~ ffff	Link area-bit (L)
W	TC	HH	0 ~ ff	Timer/Counter current value
W	WM	HHHH	0 ~ 270f	Data area-word (M)
W	WX	HHHH	0 ~ 270f	External input-word (X)
W	WY	HHHH	0 ~ 270f	External output-word (Y)
W	WR	HHHH	0 ~ 270f	Internal output-word (R)
W	WL	HHHH	0 ~ 270f	Link area-word (L)

## Wiring Diagram:

EH-SIO port1/port 2 RS232

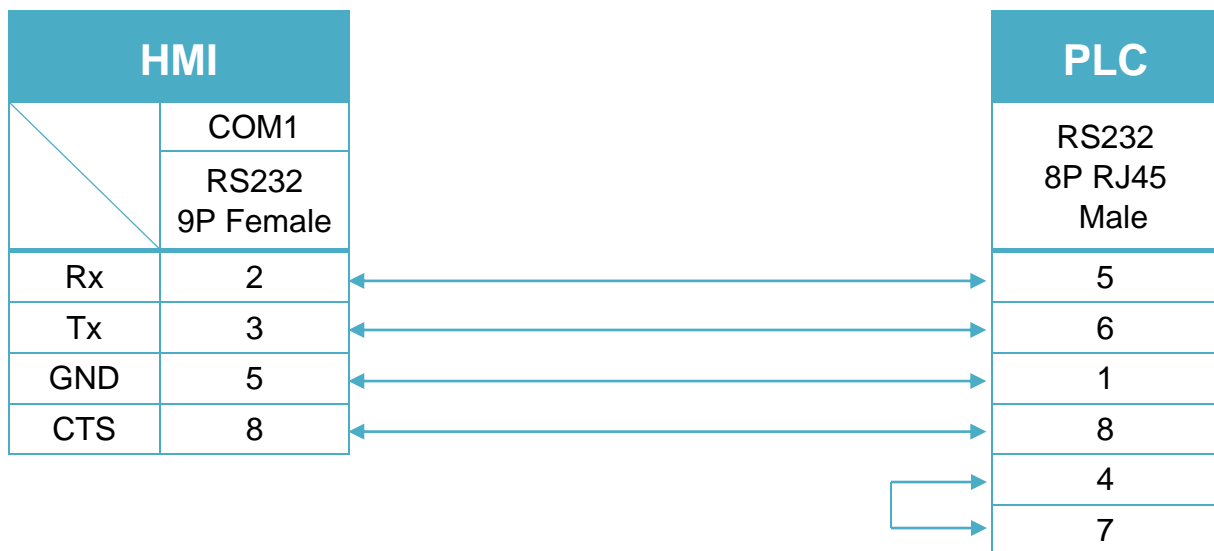
### Diagram 1

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



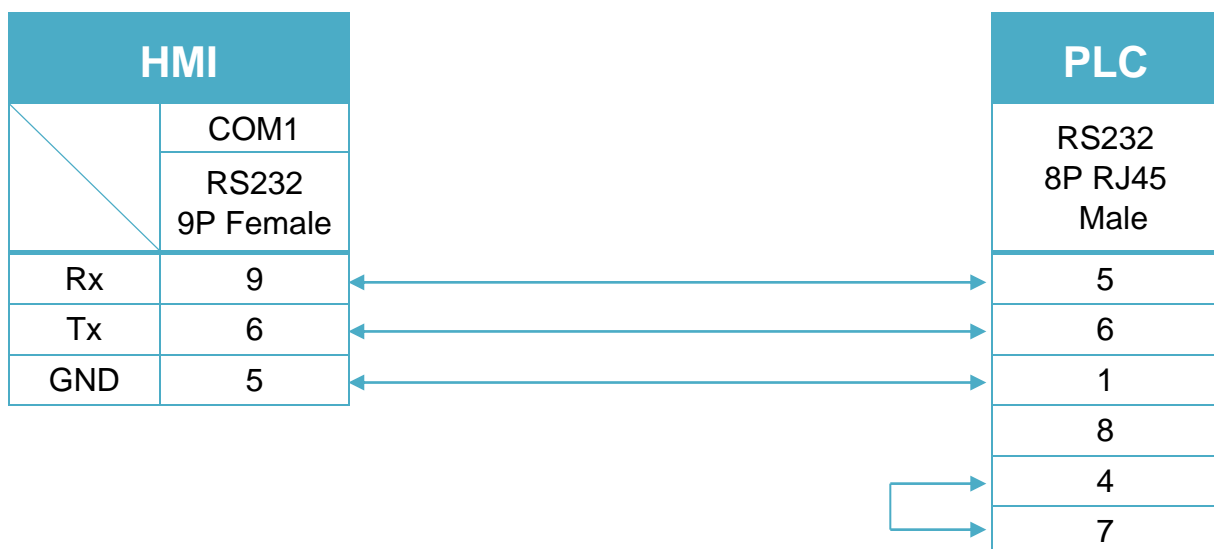
## Diagram 2

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



## Diagram 3

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

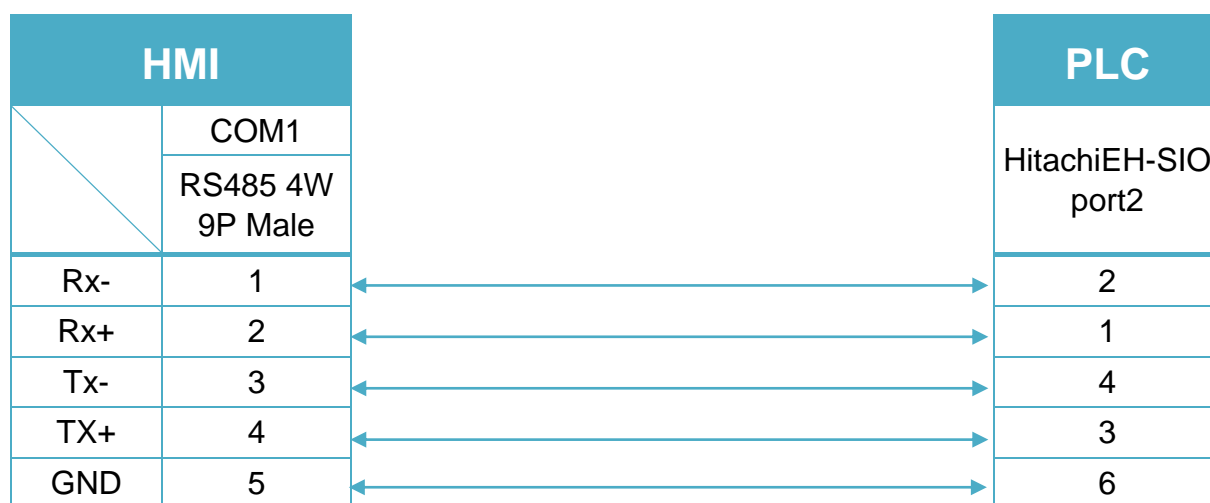


The following is the view from the soldering point of a connector.



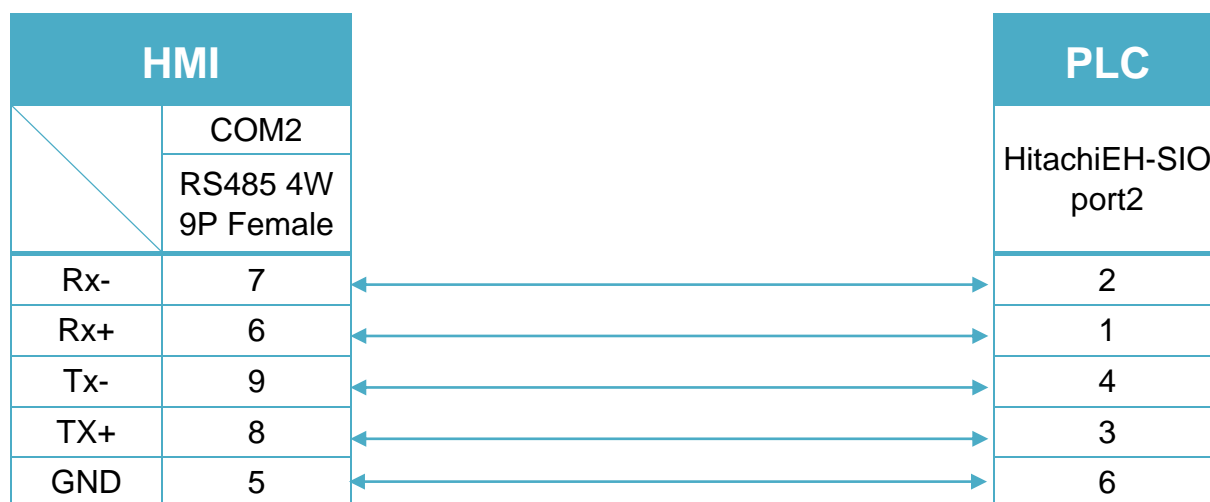
### Diagram 4

<b>cMT Series</b>	<b><i>cMT3151</i></b>
<b>eMT Series</b>	<b><i>eMT3070 / eMT3105 / eMT3120 / eMT3150</i></b>
<b>MT-iE</b>	<b><i>MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE</i></b>
<b>MT-XE</b>	<b><i>MT8121XE / MT8150XE</i></b>



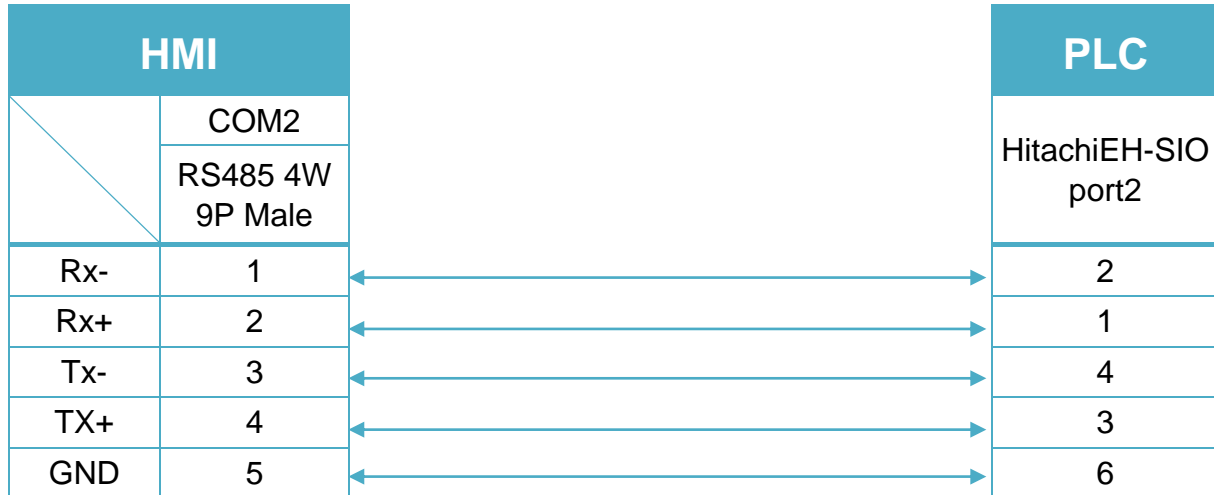
### Diagram 5

<b>cMT Series</b>	<b><i>cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD</i></b>
<b>mTV</b>	<b><i>mTV</i></b>



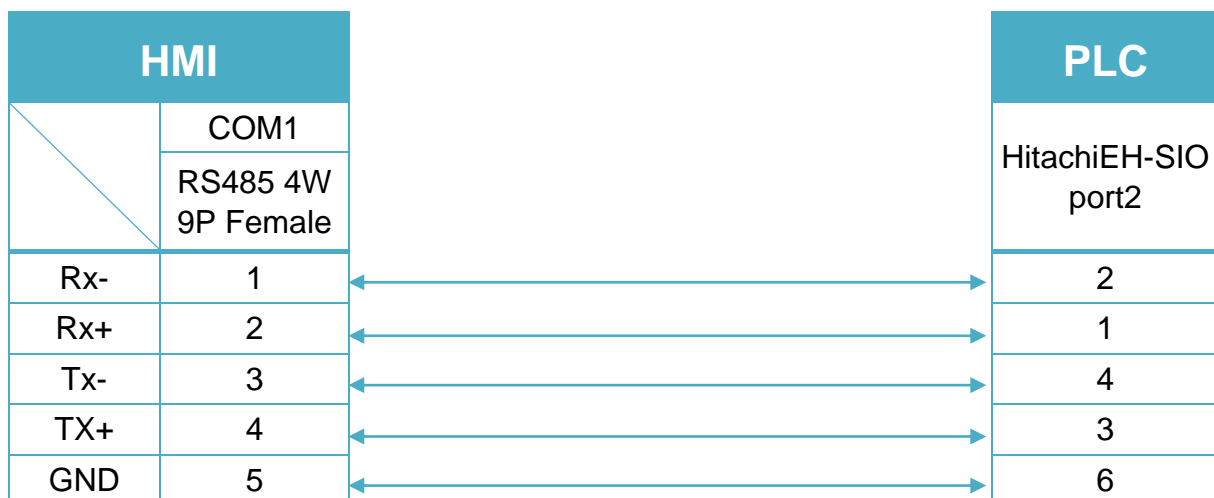
## Diagram 6

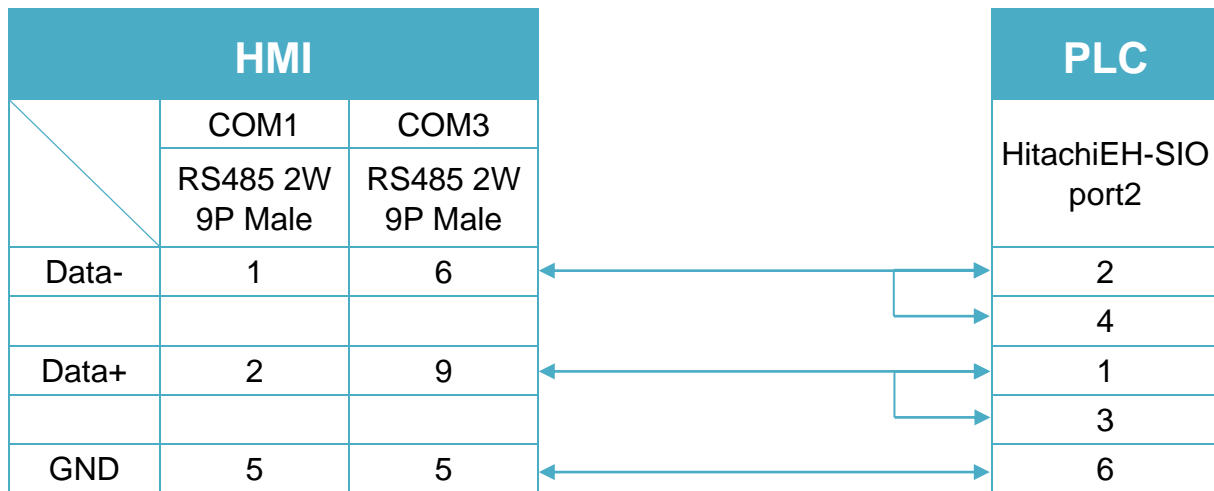
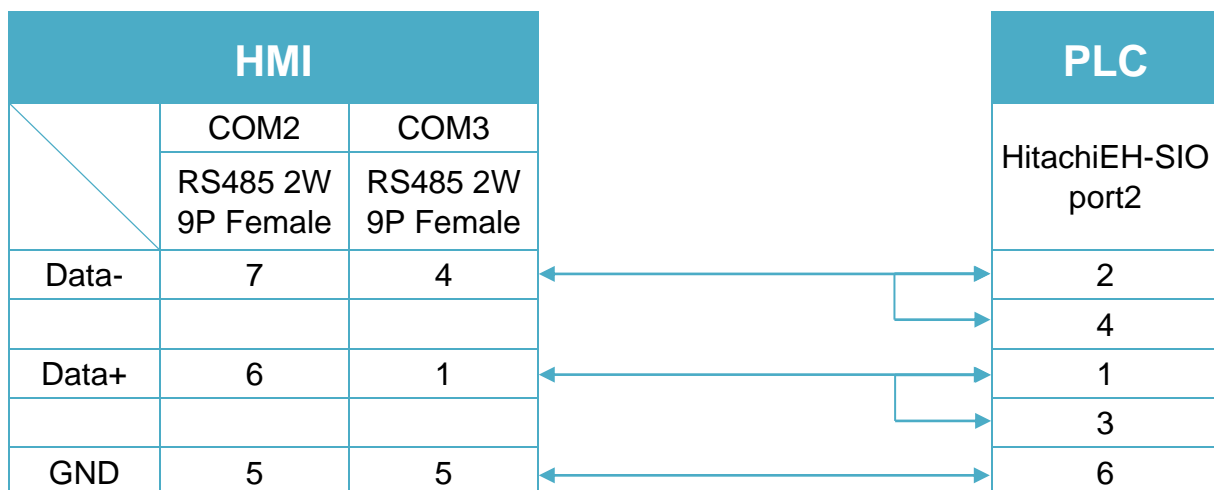
<b>cMT Series</b>	<b><i>cMT3071 / cMT3072 / cMT3090 / cMT3103</i></b>
<b>MT-iE</b>	<b><i>MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE / MT8101iE / MT8102iE / MT8103iE</i></b>
<b>MT-XE</b>	<b><i>MT8090XE / MT8092XE</i></b>
<b>MT-iP</b>	<b><i>MT6071iP / MT8071iP / MT6103iP / MT8102iP</i></b>



## Diagram 7

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

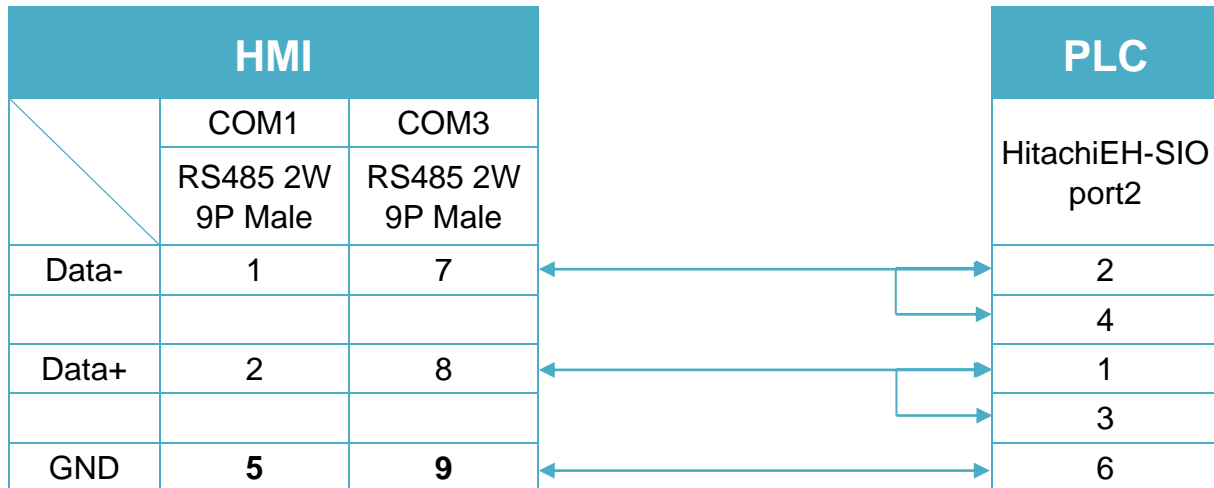


**Diagram 8**
**cMT Series**
***cMT3151***
**eMT Series**
***eMT3070 / eMT3105 / eMT3120 / eMT3150***

**Diagram 9**
**cMT Series**
***cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD***
**mTV**
***mTV***


## Diagram 10

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

**MT-XE** *MT8121XE / MT8150XE*



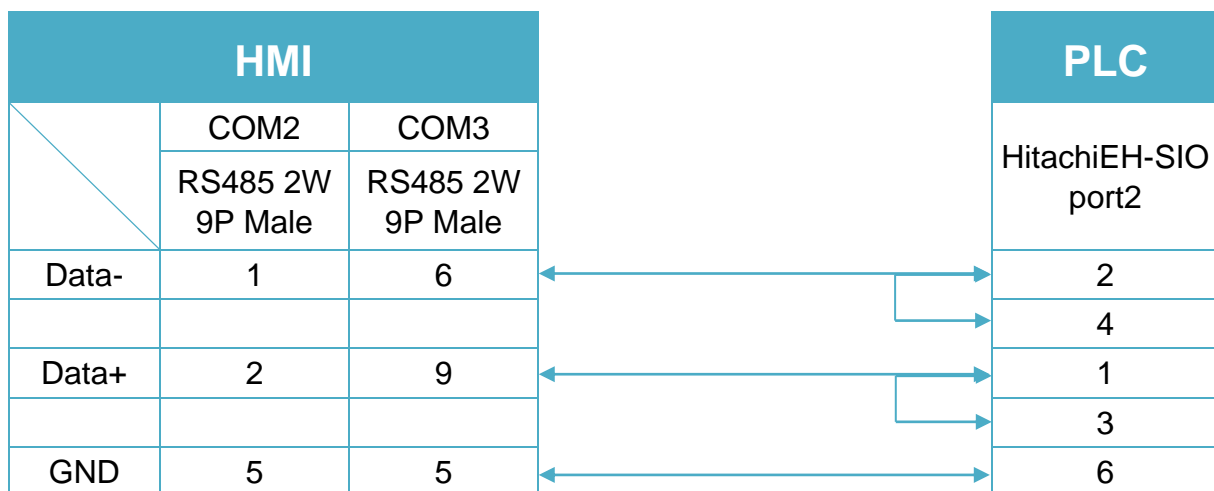
## Diagram 11

**cMT Series** *cMT3071 / cMT3072 / cMT3090 / cMT3103*

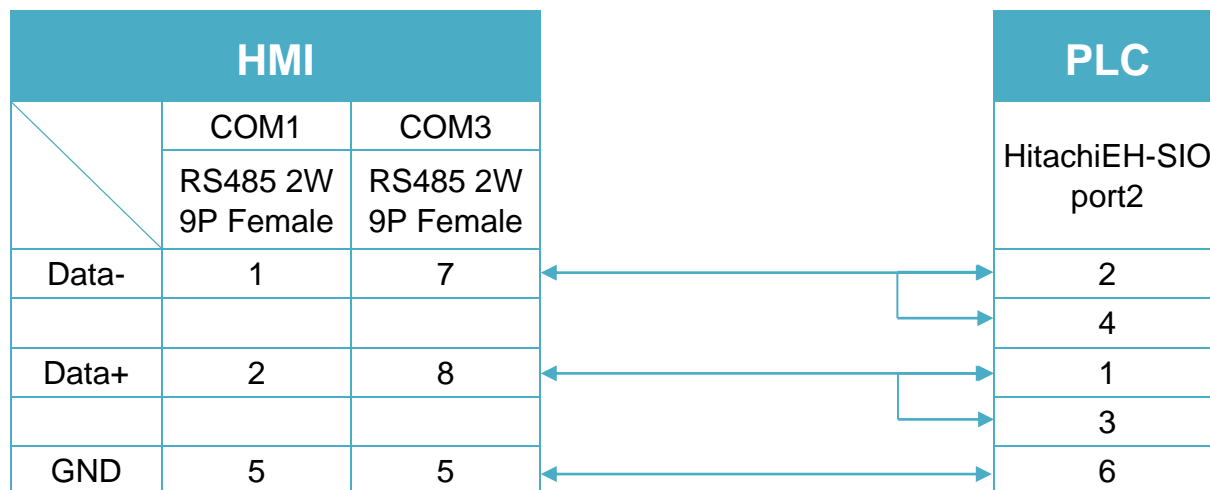
**MT-iE** *MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE / MT8101iE / MT8102iE / MT8103iE*

**MT-XE** *MT8090XE / MT8092XE*

**MT-iP** *MT6103iP / MT8102iP*



## Diagram 12

**MT-iE** *MT8050iE / MT8053iE*
**MT-iP** *MT6051iP / MT8051iP*


## Diagram 13

**MT-iP** *MT6071iP / MT8071iP*
