

KEYENCE KV-10/16/24/40/80/Visual KV Series

Supported Series: KEYENCE KV series, KV16~80

Website: <http://www.keyence.com/>

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	KEYENCE KV-10/16/24/40/80/Visual KV Series		
PLC I/F	RS232	RS232	
Baud rate	9600		
Data bits	8		
Parity	Even		
Stop bits	1		
PLC sta. no.	0		

Device Address:

Bit/Word	Device type	Format	Range	Memo
B	RLY	DDDdd0*	0 ~ 655150*	dd:0 ~ 15
B	DM_Bit	DDDDh	0 ~ 65535f	
W	DM	DDDDD	0 ~ 65535	
W	TM	DDDD	0 ~ 8999	
W	T	DDDD	0 ~ 9999	
W	T_Curr	DDDD	0 ~ 9999	Timer_Current
W	T_Preset	DDDD	0 ~ 9999	
W	C	DDDD	0 ~ 9999	
W	C_Curr	DDDD	0 ~ 9999	Counter_Current
W	C_Preset	DDDD	0 ~ 9999	

Note:*

If Relay (bit) register is used, please place a zero at the end of the address.

For example, to read Relay (bit) 100, the address is written as "1000".

Wiring Diagram:

RS232 CPU Port (Diagram 1 ~ Diagram 3)

Diagram 1

cMT Series	<i>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</i>

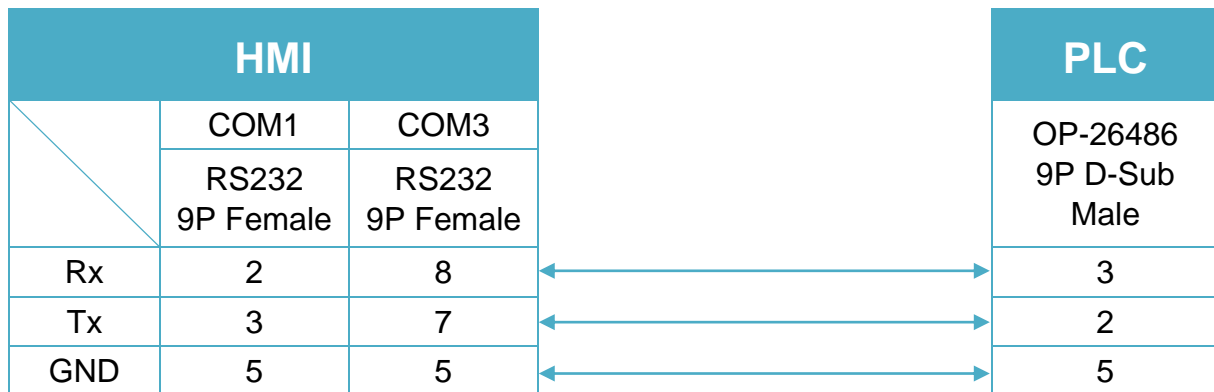


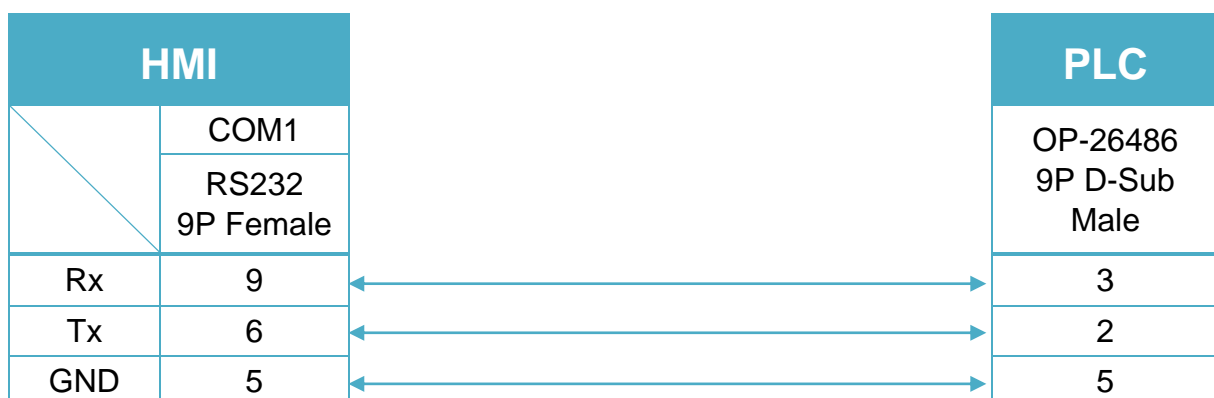
Diagram 2

cMT Series	<i>cMT-SVR</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</i>
MT-iP	<i>MT6051iP / MT6071iP / MT8071iP</i>



9P D-Sub to 6P RJ11 (Diagram 4 ~ Diagram 6)


Diagram 4

cMT Series	<i>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</i>

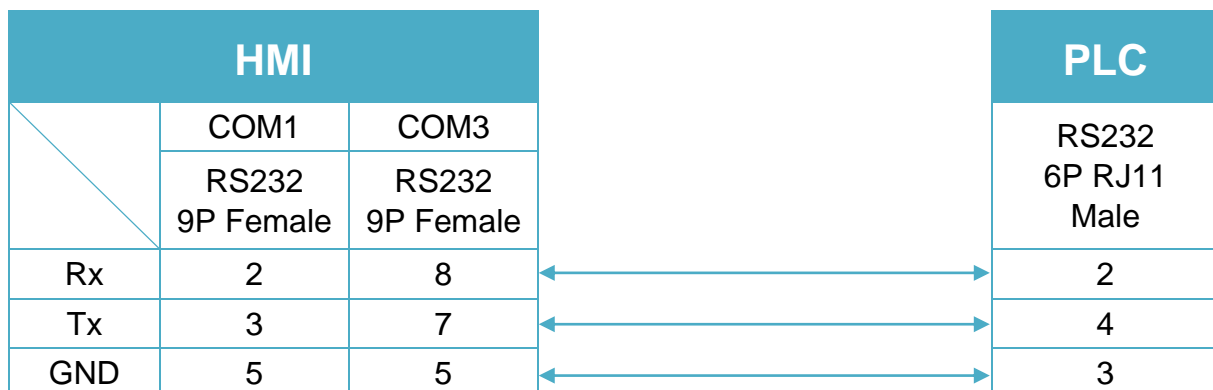


Diagram 5

cMT Series	cMT-SVR
mTV	mTV
MT-iE	MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE / MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE / MT8101iE / MT8102iE / MT8103iE
MT-XE	MT8121XE / MT8150XE / MT8090XE

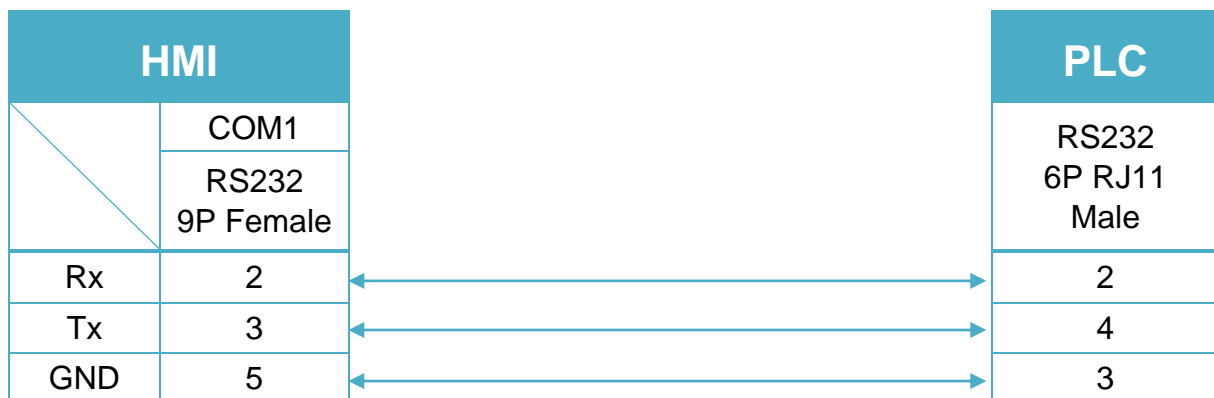


Diagram 6

MT-iE	MT8050iE
MT-iP	MT6051iP / MT6071iP / MT8071iP

