

KEYENCE KV series

KEYENCE KV series, KV16~80

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

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	KEYENCE KV-16		
Com port	RS232	RS232	Must match the PLC's port setting.
Baud rate	9600		Must match the PLC's port setting.
Parity bit	Even		Must match the PLC's port setting.
Data Bits	8		
Stop Bits	1		
PLC Station No.	0		Must match the PLC's port setting.

PLC Setting:

Communication mode	None
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Device address:

Bit/Word	Device Type	Format	Range	Memo
B	RLY	ddd bb0	0-17915 0	bb:0~15
B	DM_Bit	ddd(h)	0-65535f	
W	DM	ddd	0-65535	
W	TM	ddd	0-31	
W	T	ddd	0-9999	
W	Timer_Curr	ddd	0-9999	Timer_Current
W	Timer_Preset	ddd	0-9999	
W	C	ddd	0-9999	
W	Counter_Curr	ddd	0-9999	Counter_Current
W	Counter_Preset	ddd	0-9999	

Precaution:

If you use the Relay(bit) register, Please place zero behind address.

For example, If you want to read Relay(bit)100, you just set the address as "1000".

Wiring diagram:

RS232: CPU port

MT8000 RS-232 9P D-SUB

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

KEYENCE PLC

OP-26486

2	RXD
3	TXD
5	GND

MT8000 RS-232 9P D-SUB

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

KEYENCE PLC

RJ11

4	RXD
2	TXD
3	GND

