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	DDDDDh	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”.

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Wiring Diagram:

Diagram 1

RS-232 (CPU Port)

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

HMI		PLC
Link		OP-26486 9P D-Sub Male
Rx	⟷	3
Tx	⟷	2
GND	⟷	5

Diagram 2

RS-232 (9P D-Sub to 6P RJ11)

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		RS232 6P RJ11 Male
Rx	⟷	2
Tx	⟷	4
GND	⟷	6

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