Festo PLC

HMI Factory Setting:

Baud rate: 9600, 8, None, 1

Controller Station Number: 0 (no PLC station number in protocol)

Control Area / Status Area: R0/R10

Connection

PLC Communication Port: COM port

It needs to use the dedicated cable for FESTO controllers → Cable for transferring TTL to RS-232 and it is 6 pin RJ-12 connector at PLC side.

Definition of PLC Read/Write Address

a. Registers

Type	Format Word No. (n)	Read/Write Range	Data Length	Note
WORD_DEVICE_IW	IWn	IW0 – IW255	Word	
WORD_DEVICE_OW	OWn	OW0 – OW255	Word	
WORD_DEVICE_FW	FWn	FW0 – FW9999	Word	
WORD_DEVICE_TW	TWn	TW0 – TW255	Word	
WORD_DEVICE_CW	CWn	CW0 – CW255	Word	
WORD_DEVICE_R	Rn	R0 – R255	Word	
WORD_DEVICE_TP	TPn	TP0 – TP255	Word	
WORD_DEVICE_CP	CPn	CP0 – CP255	Word	

b. Contacts

Type	Format Word No. (n) Bit No. (b)	Read/Write Range	Note
BIT_DEVICE_I	In.b	I0.0 – I255.15	
BIT_DEVICE_O	On.b	O0.0 – O255.15	
BIT_DEVICE_F	Fn.b	F0.0 – F9999.15	
BIT_DEVICE_T	Tb	T0 – T255	
BIT_DEVICE_C	Cb	C0 – C255	
BIT_DEVICE_TON	TONb	TON0 – TON255	

| BIT_DEVICE_TOFF | **TOFF**b | **TOFF**0 – **TOFF**255 | |

NOTE

1) Connectable PLC: FEC-FC Model