

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	Read/Write Range	Data Length	Note
	Word No. (n)			
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	Read/Write Range	Note
	Word No. (n)		
	Bit No. (b)		
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	TOFFb	TOFF0 - TOFF255	
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 **NOTE**

1) Connectable PLC: FEC-FC Model