

Modbus Register Map of CWT7100

IO port register map:

IO Port		PLC address	Hex address	Function code	Data type	Property
Digital Input	Di0	11001	03E8	01	UINT16	R
	Di1	11002	03E9			
	Di2	11003	03EA			
			
	Din	11001+n	03E8+n			
Digital Output	Do0	11101	044C	01/05	UINT16	R/W
	Do1	11102	044D			
	Do2	11103	044E			
			
	Don	11101+n	044C+n			
Analog Input	Ai0	41001~41002	03E8~03E9	03	Float32	R
	Ai1	41003~41004	03EA~03EB			
	Ai2	41005~41006	03EC~03ED			
			
	Ain	(41001+2n) ~ (41001+2n+1)	(03E8+2n) ~ (03E8+2n+1)			
Temperature Input	Ti0	41201~41202	04B0~04B1	03	Float32	R
	Ti1	41203~41204	04B2~04B3			
	Ti2	41205~41206	04B4~04B5			
			
	Tin	(41201+2n) ~ (41201+2n+1)	(04B0+2n) ~ (04B0+2n+1)			
Modbus register on RS485 (RS485 master mode)	Rg0	41401~41402	0578~0579	03	Float32	R
	Rg1	41403~41404	057A~057B			
	Rg2	41405~41406	057C~057D			
			
	Rgn	(41401+2n) ~ (41401+2n+1)	(0578+2n) ~ (0578+2n+1)			

Master read or write IO port on Ethernet, use Modbus TCP protocol

Master read or write IO port on RS485, use Modbus RTU protocol