

Tutorial on the use of VC series PLC with incremental encoder

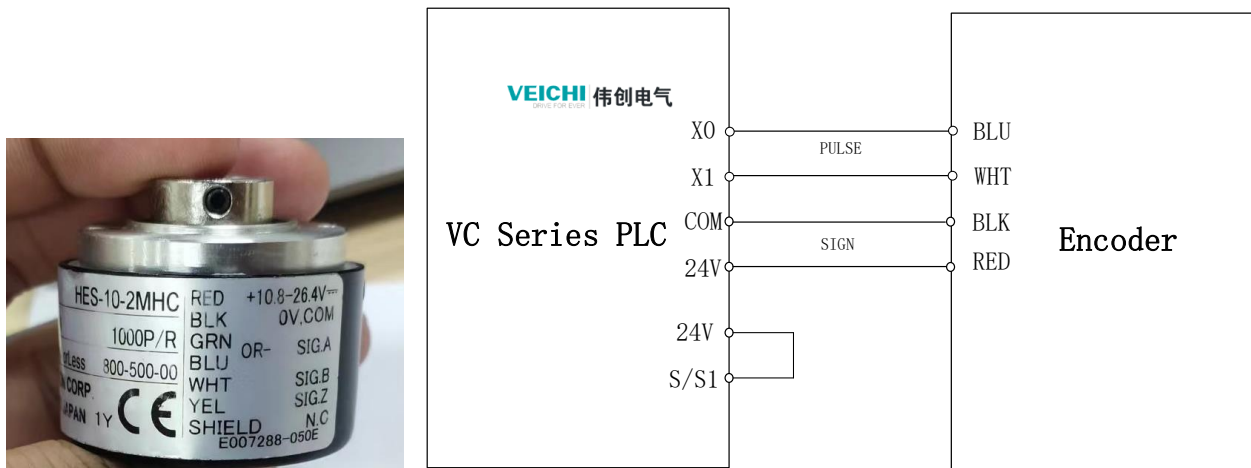
Note: 1、If you want to know more about the duplex counter, please see the programming manual

The following are the counters corresponding to the different terminals selected

Input Point Counters		X0	X1	X2	X3	X4	X5	X6	X7	Maximum frequency kHz		
										VC1	VC3	VC5
Dual phase counting input method	C256	A phase	B phase							30	200	
	C257			A phase	B phase					5	200	
	C258					A phase	B phase					
	C259							A phase	B phase			
	C260	A phase	B phase	Reset						30	200	
	C261					A phase	B phase	Reset		5	200	
											200	
	C262	A phase	B phase	Reset	Start					30	200	
	C263					A phase	B phase	Reset	Start	5	200	

一、Wiring method introduction

Here is the wiring of the physical encoder and VC series pLC in the case



二、VC series plc programming

We use X0 and X1 for Dual pulse counting, then we can choose C256 for pulse counting, when the encoder turns one revolution, C256 will receive the number of pulses for one revolution of the encoder resolution.。

