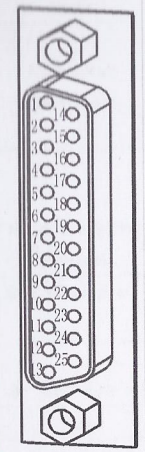
2.3.1 CN2 port signal definition

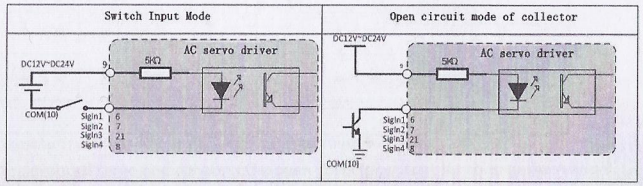


Pin	Interface number	Name	function
DC12~24V COM	9 10	The power and ground of the control signal	The input and output control signals are input power and ground
SigIn1 SigIn2 SigIn3 SigIn4	6 7 21 8	Input instruction signal	Input instruction signal. The function specified by each input port at the factory: SigIn1: Servo enable SigIn2: Alarm reset SigIn3: Clearance of position deviation SigIn4: Pulse input inhibit
SigOUT1 SigOUT2 SigOUT3 SigOUT4	11 23 12 24	Output instruction signal	Output instruction signal. The function specified by each output signal port at the factory: SigOUT1： Servo enable SigOUT2： Alarm detection SigOUT3： Location complete SigOUT4： Emergency stop detection
PV PP+ PP- PD+ PD-	2 3 14 4 5	Command pulse input port	PV: open collector input power The instruction pulse can be input in three different ways: 1： Command direction and pulse input 2： Clockwise / anticlockwise pulse input 3：Quadrature pulse input with phase difference of 90 degrees
PA+ PA- PB+ PB- PZ+ PZ- OZ GND	20 19 18 17 15 16 22 1	Encoder signal output	The output port of the encoder signal (ABZ). Through the parameter setting, the AB signal can be divided into frequency division output and logic fetch reverse output.
Vref AGND	25 13	Analog input	Analog voltage input port. Speed or torque control used to receive speed or torque instructions. Voltage input range -10V~+10V.

2.2.3 CN2 port type

1. Digital input interface

The digital input interface circuit can be controlled by switch, relay, collector, open circuit triode, photoelectric coupler, etc.. The relay needs to select low current relay to avoid the bad contact. External voltage range DC12V to 24V.



2. Digital output interface

The output circuit adopts Darlington photoelectric coupler, and can be connected with relay and photoelectric coupler.

Matters needing attention:

●The external power supply is provided by the user, but it must be noted that if the polarity of the power is reversed, the servo drive may be damaged.

●The output is in the form of an open collector, the maximum current is 70mA, and the maximum voltage of the external power supply is 25V. If the limit request or output is connected directly to the power source, the servo drive may be damaged.

●If the load is an inductive load such as a relay, the freewheeling diode must be connected in parallel at both ends of the load. If the freewheeling diode is turned on, the servo drive may be damaged.