

Nmark Print & Apply System Interface Wiring Guide

Bilingual Edition

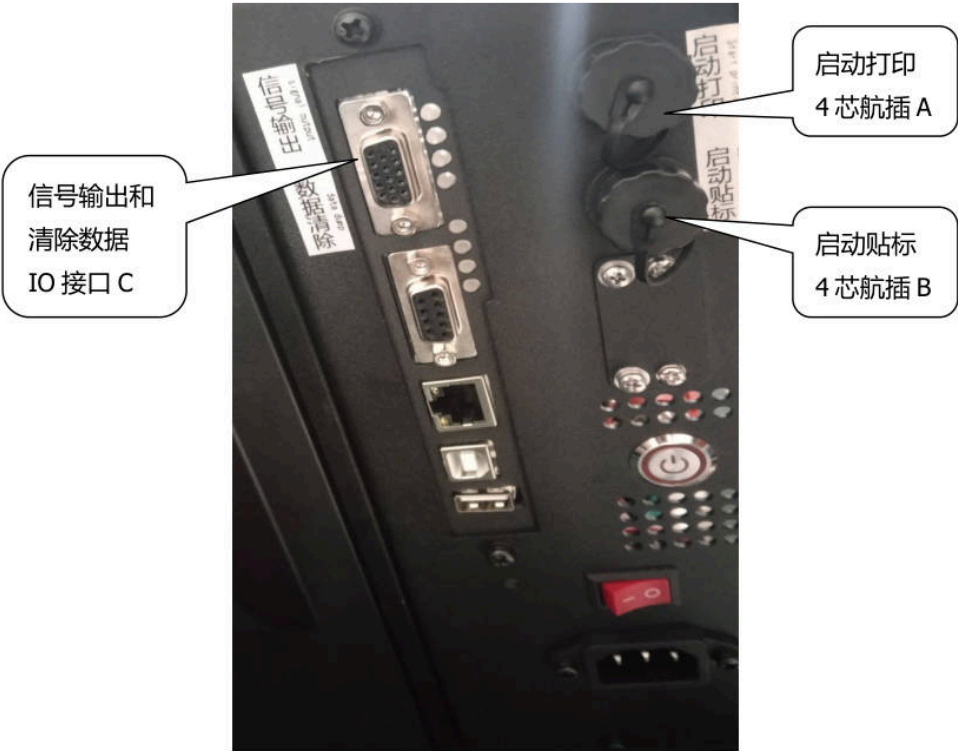
English translation with original Chinese pages

打印机的“RS232 串口”引脚定义



打印机串口DB9码		
引脚号	功能说明	缩写
1	悬空	
2	发送数据	TXD
3	接收数据	RXD
4	悬空	
5	信号地	GND
6	悬空	
7	悬空	
8	悬空	
9	悬空	

打印机的“信号输出、清除数据接口 C” 以及 “航插 A,B” 引脚定义



RS232 Serial Port Pin Definitions of the Printer

Signal Output, Clear-Data Interface C, and Aviation Plugs A and B Pin Definitions

Signal output and clear data: IO interface C

Start print: 4-pin aviation plug A

Start labeling: 4-pin aviation plug B



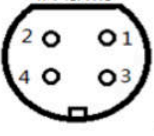
信号输入输出接口DB15母					
引脚号	输入引脚说明	缩写	引脚号	输出引脚说明	缩写
1	悬空		9	打印完成信号-	ENDP-
2	悬空		10	打印完成信号+	ENDP+
6	悬空		4	贴标完成信号+	ENDT+
7	悬空		5	贴标完成信号-	ENDT-
11	清除数据信号+	CLR+	3	报警信号+	ALM+
12	清除数据信号-	CLR-	8	报警信号-	ALM-
GND	悬空		14	输出电源24V+	24V+
			15	输出电源24V-	24V-
			13	悬空	

启动打印



1	24V正输出(24V)
2	打印使能(输入)
3	24V负输出(24V-)
4	悬空

启动贴标



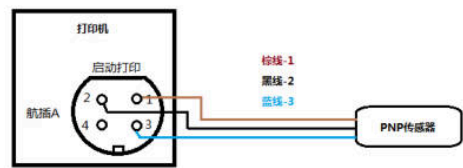
1	24V正输出(24V)
2	贴标使能(输入)
3	24V负输出(24V-)
4	悬空

1、输入信号-启动打印、启动贴标航插 A、B 说明

启动打印使能和启动贴标使能信号均为高电平使能。

1.1 接传感器（只能接入 PNP 型传感器）

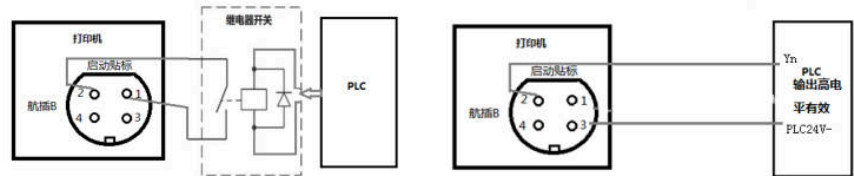
以航插 A “启动打印” 信号为例，航插 B 接法相同。



1.2 接 PLC 方法

以航插 B “启动贴标” 信号为例，航插 A 接法相同。

- 1) PLC 输出有效信号为低电平
- 2) PLC 输出有效信号为高电平



1. Input Signals - Start Print and Start Labeling (Aviation Plugs A and B)

The Start Print Enable and Start Labeling Enable signals are both high-level enabled.

1.1 Connecting to a Sensor (PNP sensors only)

Using the Start Print signal on plug A as an example. Plug B is wired in the same way.

1.2 Connecting to a PLC

Using the Start Labeling signal on plug B as an example. Plug A is wired in the same way.

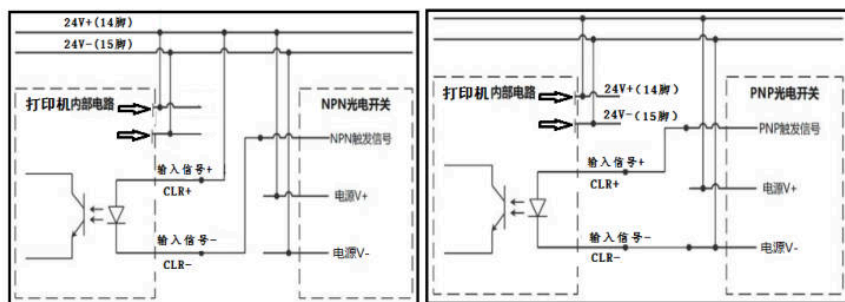
1) PLC output active signal is low. 2) PLC output active signal is high.

2. 接口 C 接线说明

2.1 输入信号—清除数据信号接光电传感器接法

1) 接 NPN 型传感器

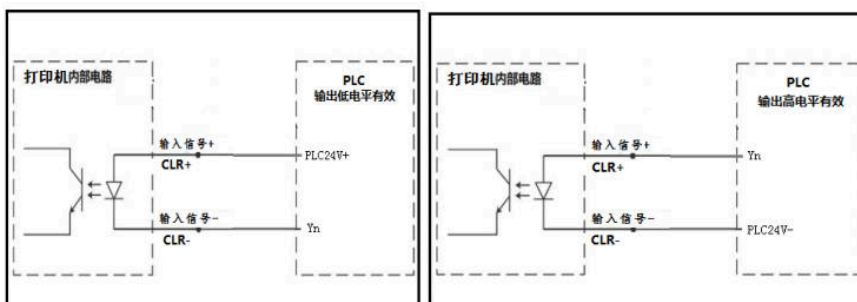
2) 接 PNP 型传感器



2.2 输入信号—清除数据信号接 PLC 接法

1) PLC 输出有效信号为低电平

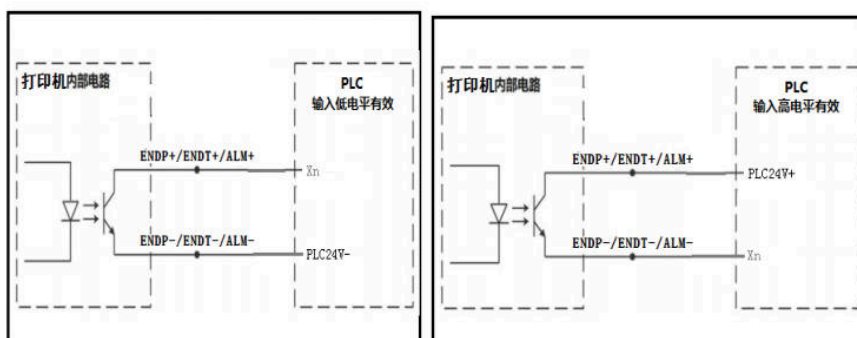
2) PLC 输出有效信号为高电平



2.3 接口 C—信号输出（打印完成、贴标完成、报警状态）接法

1) PLC 输入有效信号为低电平

2) PLC 输入有效信号为高电平



2. Interface C Wiring

2.1 Input Signal - Clear Data Connected to a Photoelectric Sensor

1) NPN sensor 2) PNP sensor

2.2 Input Signal - Clear Data Connected to a PLC

1) PLC output active signal is low 2) PLC output active signal is high

2.3 Interface C - Signal Output (Print Complete, Labeling Complete, Alarm Status)

1) PLC input active signal is low 2) PLC input active signal is high