

# Modbus Devices available

The following Modbus devices are currently available:

- WP8025ADAM
- WP8026ADAM
- WP8027ADAM
- WP8028ADAM
- WP9038ADAM

The devices differ in the number of digital or analog inputs/outputs. Below is a table with the description for the Modbus devices currently sold through the [myCNC shop](#):

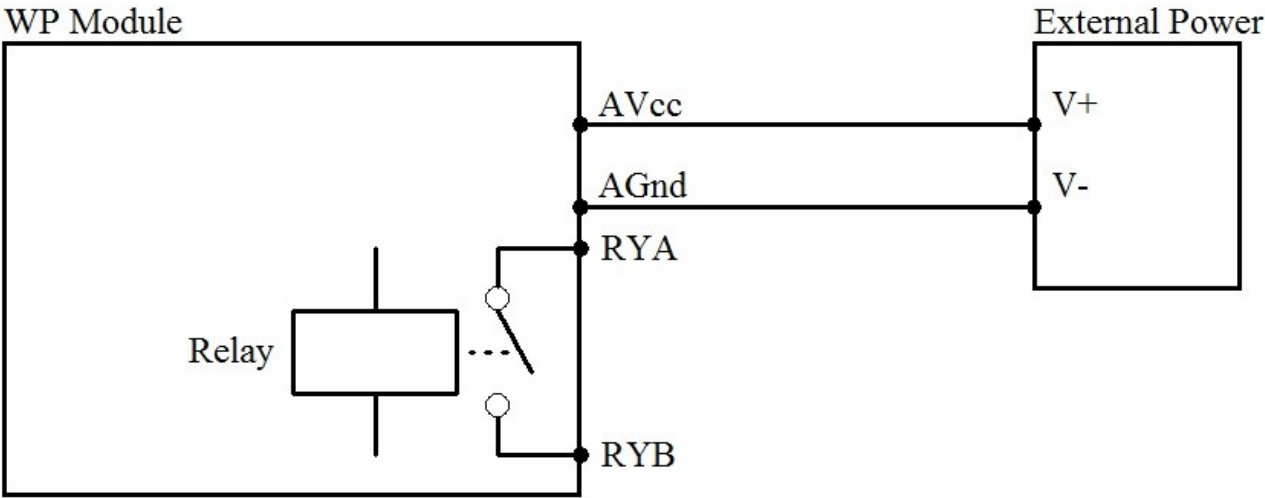
| Device     | Description                                                                                                   |
|------------|---------------------------------------------------------------------------------------------------------------|
| WP8028ADAM | 8 digital inputs, 8 digital outputs                                                                           |
| WP8027ADAM | 16 digital outputs, 0 inputs (write-only)                                                                     |
| WP8026ADAM | 16 digital inputs, 0 outputs (read-only)                                                                      |
| WP8025ADAM | 8 relay outputs (normally open)                                                                               |
| WP9038ADAM | 6 analog inputs, 4 digital inputs, 4 digital outputs. The digital inputs/outputs work similarly to the WP8028 |

The main features of each of the Modbus devices are listed below:

## 8025ADAM

- 8 relay outputs Modbus device
- Relay contact capacity: 2A/250VAC, 2A/30VDC
- External power supply: DC 9V-30V/2W
- 125x73x35mm

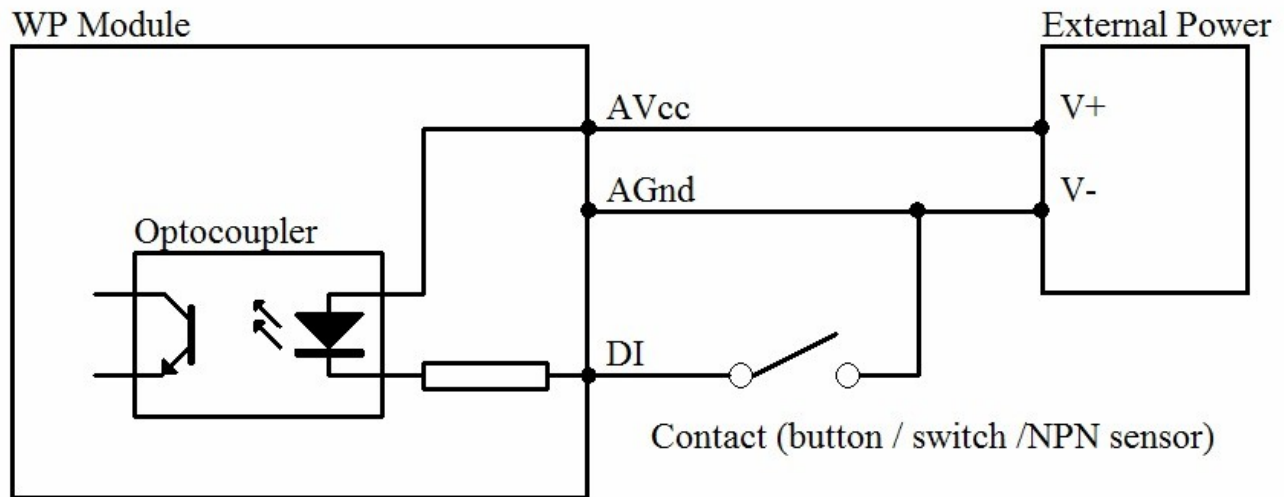
Relay output diagram:



**8026ADAM**

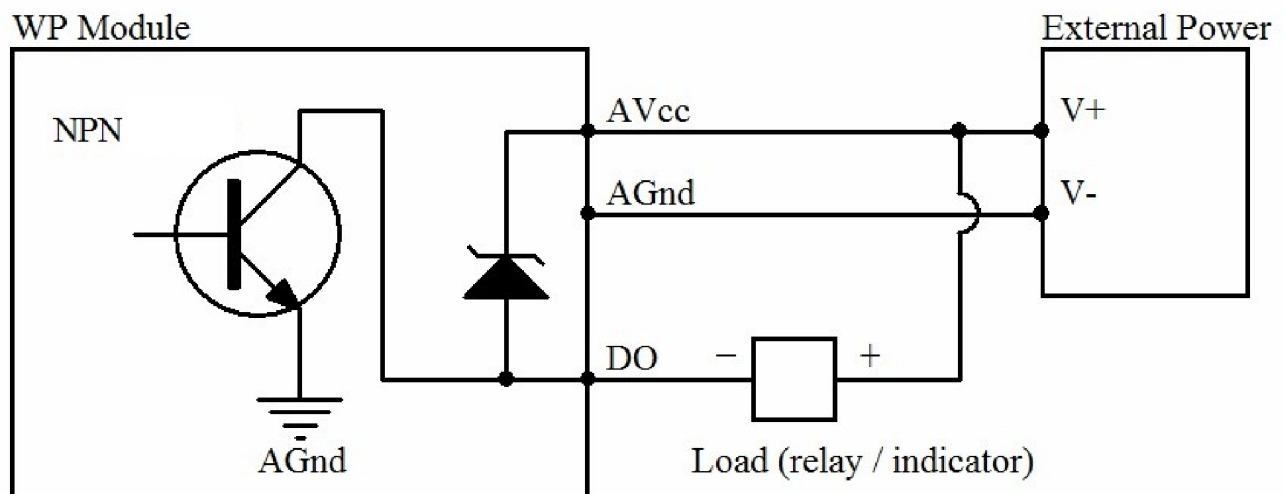
- 16 digital inputs Modbus device
- DC 9V-30V/2W power supply
- 125x73x35mm

Digital input diagram:

**8027ADAM**

- 16 digital outputs Modbus device
- DC 9V-30V/2W power supply
- 125x73x35mm

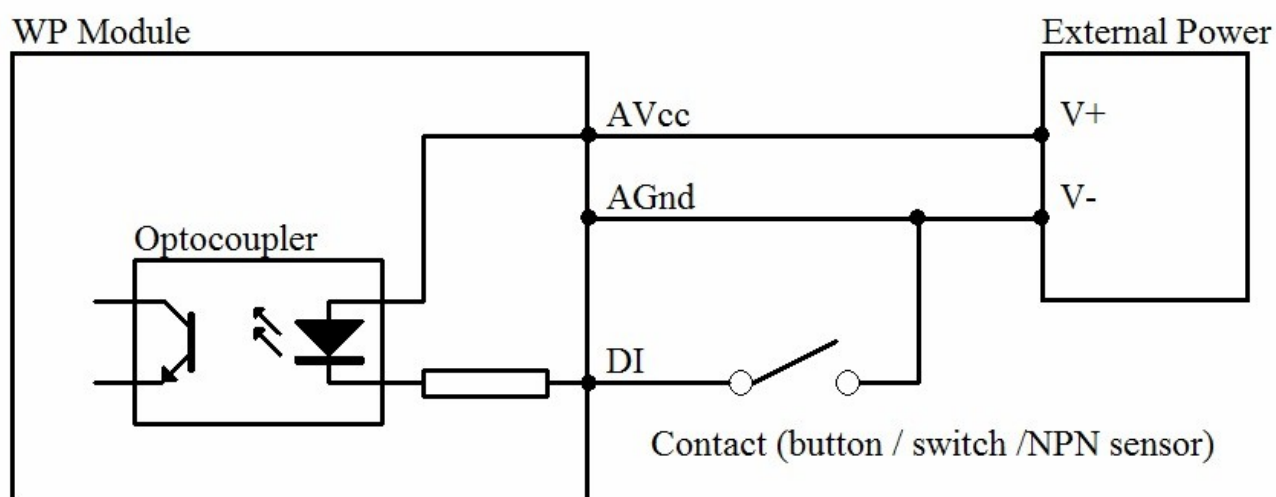
Digital outputs diagram:

**8028ADAM**

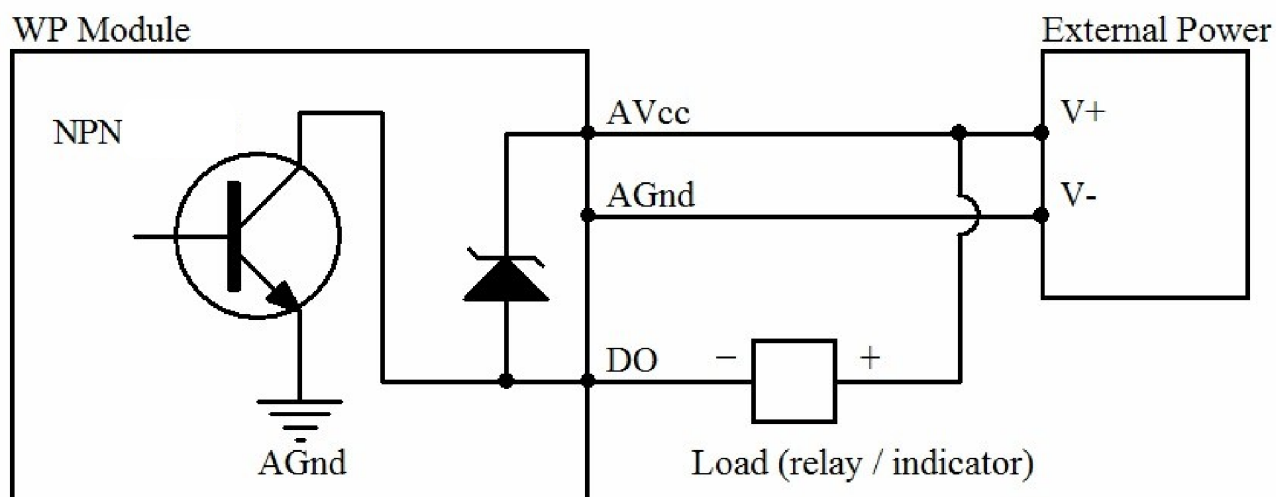
- 8 digital inputs, 8 digital outputs
- DC 9V-30V/2W power supply

- 125x73x35mm

Digital inputs diagram:



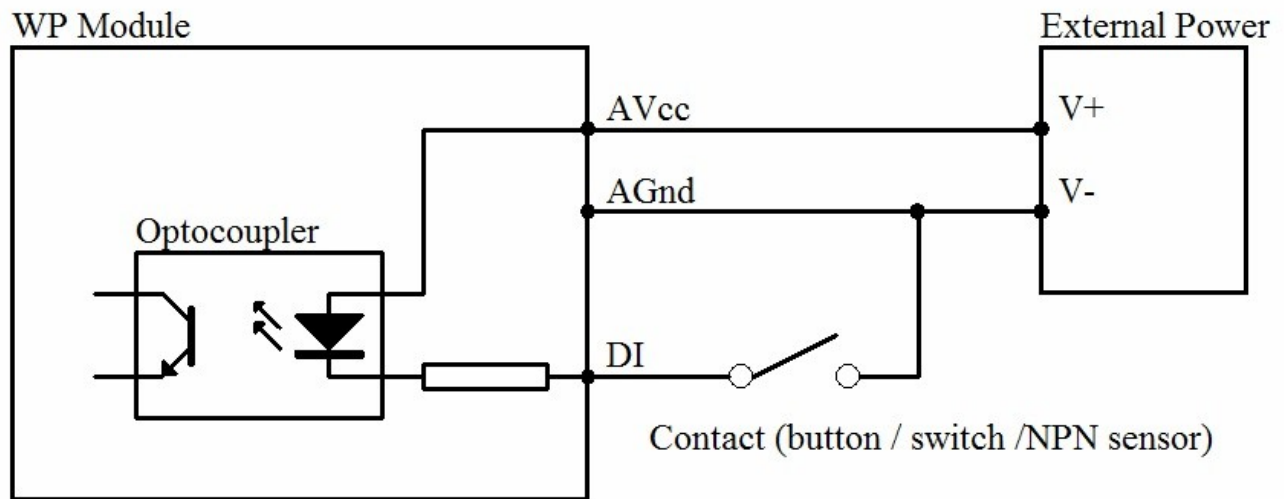
Digital outputs diagram:



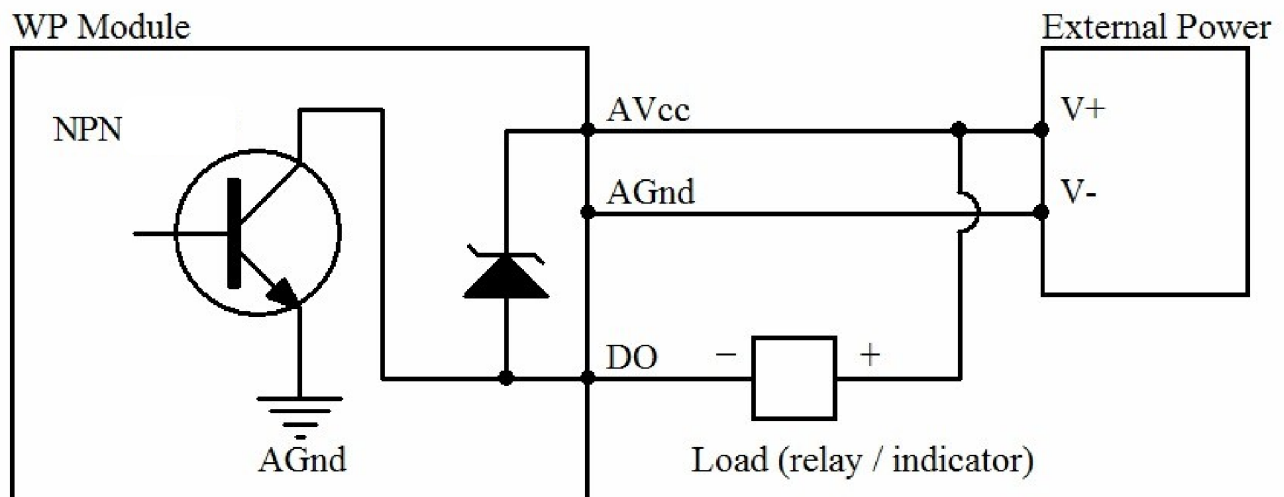
## 9038ADAM

- 6 analog input channels, 4 digital output and 4 digital input channels
- Analog input type: DC 0-20mA/4-20mA
- Analog input accuracy:  $\pm 0.02\text{mA}$
- External power supply: DC 9V-30V/2W
- 125x73x35mm

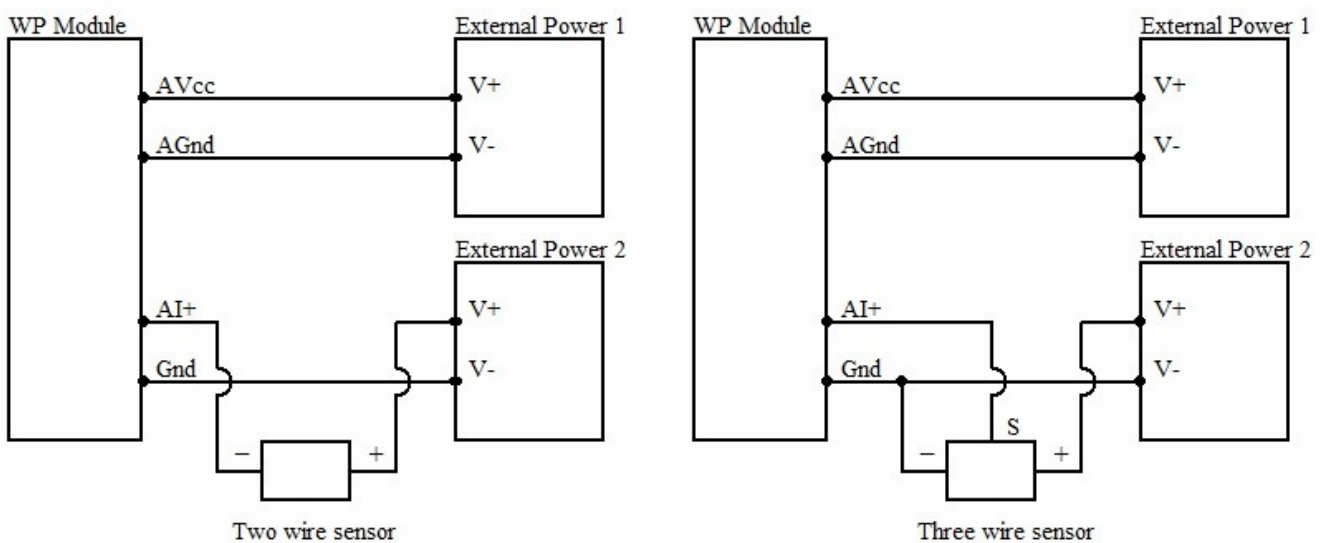
Digital inputs diagram:



Digital outputs diagram:



Analog inputs diagram:



The devices can be used by plugging them into the controller directly, and using the Hardware PLC / Config settings to control, or by plugging them into the host computer using a USB cable provided in the kit. The setup and the configuration dialogs are described in the [PLC/Modbus API](#) and [Host Modbus](#)

[API](#) manuals.

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