

HTM+PLC All in One GT_070_32MT User Guide

All ports of the HMI+PLC All-in-One GT_070_32MT are shown in Figure 1.0.

- Icon ①: XY ports
- Icon ②: Expansion module ports (left: K1, right: K2)
- Icon ③: 4G/WiFi port
- Icon ④: STOP-RUN toggle switch

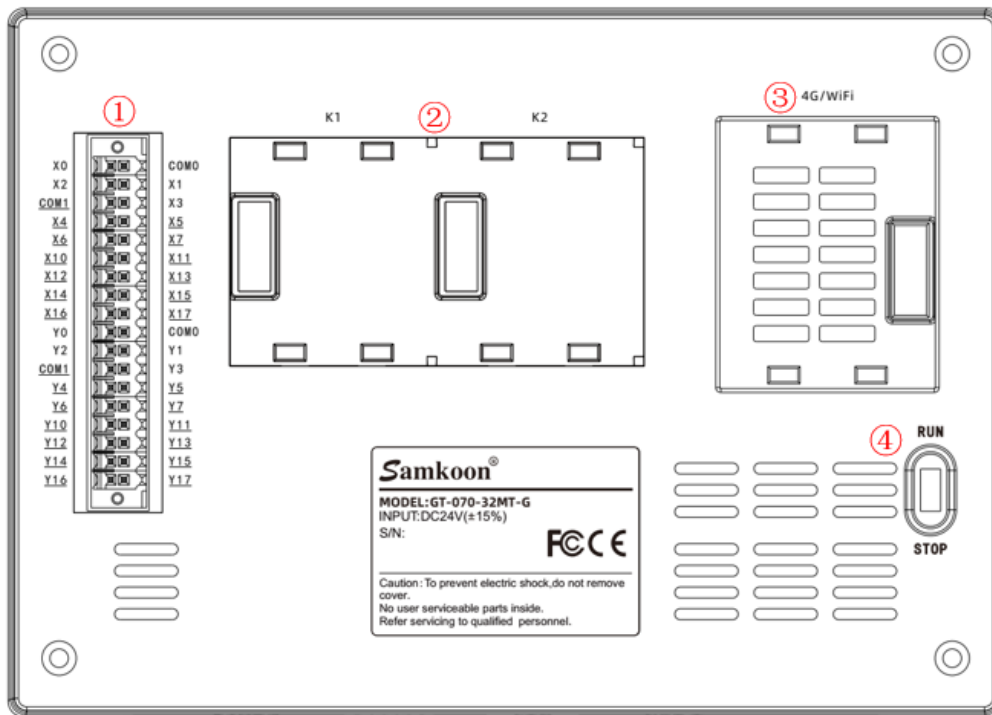


Figure 1.0: Overall Rear View of HMI+PLC All-in-One Model GT_070_32MT

1. XY Port Usage

The GT_070_32MT provides a total of 32 I/O ports, consisting of:

- 16 inputs: X0~X7, X10~X17
- 16 outputs: Y0~Y7, Y10~Y17

For example, when connecting a three-wire sensor to input port X0:

- Sink-type input wiring is shown in Figure 1.1.
- Source-type input wiring is shown in Figure 1.2.

Example for when using output port Y1, the wiring diagram is attached in both Figures 1.1 and 1.2.

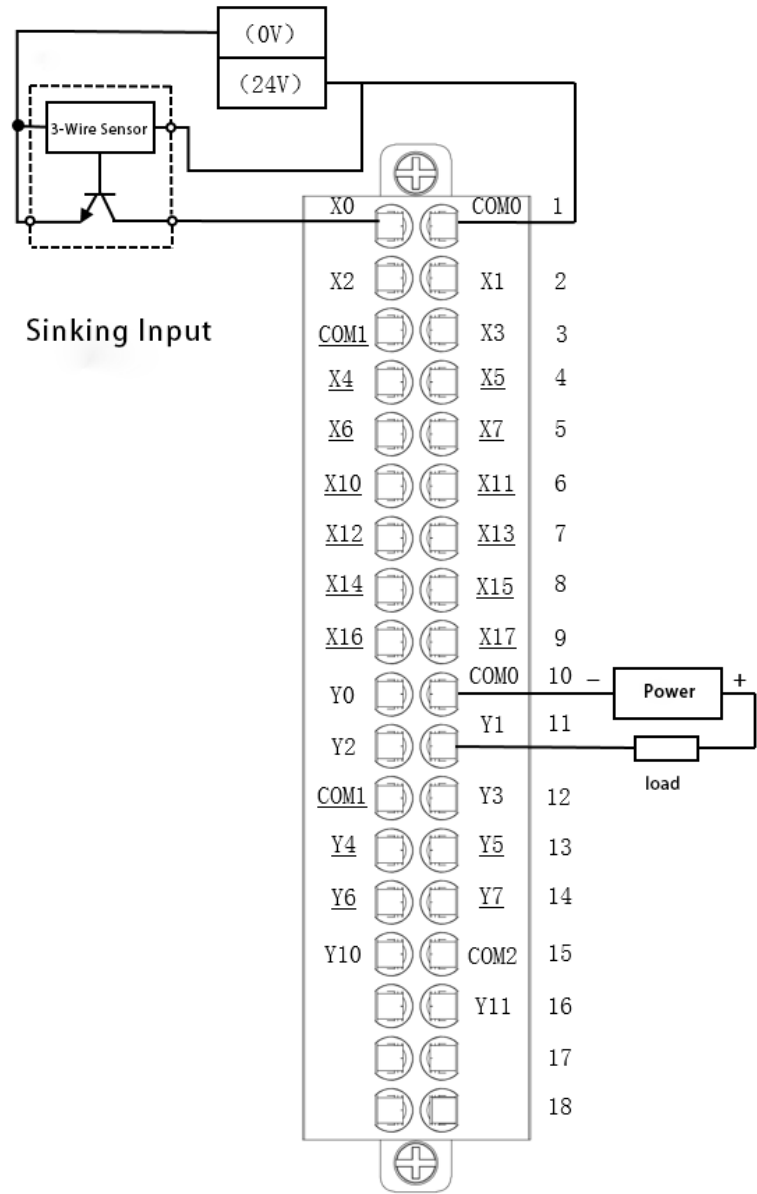


Figure 1.1 Sink-type input wiring diagram

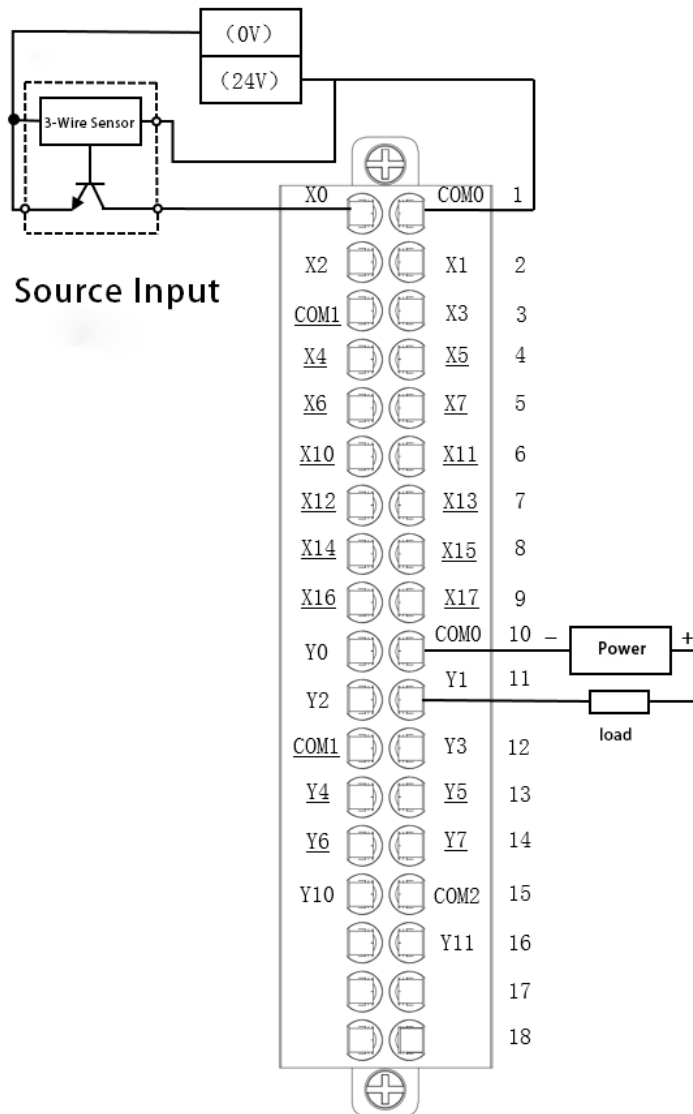


Figure 1.2 Source-type Input Port Wiring diagram

In Figures 1.1 and 1.2:

- Input port COM0 is the common terminal for X0~X3.
- Input port COM1 (underlined) is the common terminal of all other ports (underlined) for X4~X7 and X10~X17.
- Output port COM0 is the common terminal for Y0~Y3.
- Output port COM1 is the common terminal for Y4~Y7 and Y10~Y17.

Notes:

When the switch of the GT_070_32MT is toggled to STOP, and back to RUN, the enabled channels will be reinitialized based on the configured parameters.