

**Compact Input/Output Modules**

**Honeywell**



**It's A Snap — Connect  
Modules Without Extra Wiring**

# Honeywell Compact Input/Output (I/O) Modules

## A Perfect Fit. The Right Mix. Expandable.

### It's A Snap!



Literally. Honeywell's innovative Compact I/O Modules use a simple link that joins modules without individual extra wiring.

So you can link up to 15 modules without the time and hassle of extensive wiring.

You only need to run power and network wires once, greatly reducing the time spent on the job. Installation and expansion have never been easier.

### Time Saver. Money Saver. Space Saver.

Honeywell Compact I/O Modules also break the past mold of requiring you to often buy a module with more inputs/outputs than you need. Because Compact I/O Modules have a low number of I/Os, you won't be stuck paying for a bunch of unused I/Os. Add in the small profile that allows you to place a Compact I/O Module where other modules won't fit, and you'll see how Honeywell Compact I/O Modules save you time, hassles and money.

### Compact I/O Modules

COMPACT I/O	Lon NETWORK INTERFACE	DIGITAL INPUTS	DIGITAL OUTPUTS	ANALOG INPUTS	ANALOG OUTPUTS	ANALOG INPUT RANGES	ANALOG OUTPUT RANGES	MANUAL OVERRIDES	COMMENTS
XIO-4DI	•	4							
XIO-10DI	•	10							
XIO-4DO	•		4					•	
XIO-8AI	•			8		Temperature input for all sensor types in the range of 40 Ohms up to 4 M Ohms			
XIO-4AO	•				4		0 To 10 V DC	•	
XIO-4PT1000	•			4		PT1000 sensor curve			
XIO-4NTC	•			4		20 Kilo Ohm NTC sensor curve			
XIO-10HUB									Provides additional potential free contacts as supporting contacts to connect digital outputs, analog outputs, etc.



XIO-4DI



XIO-10DI



XIO-4DO



XIO-8AI



XIO-4AO



XIO-4PT1000



XIO-4NTC



XIO-10HUB



## Range Of Models

Honeywell offers a selection of Compact I/O Modules so that you can choose exactly what you need for each application. The assortment includes LON modules with a fixed number of digital inputs, analog inputs, digital outputs, analog outputs and hubs to record or control network variable points (SNVTs) on a LONWORKS® bus. Configuration is done by LNS®-Plugin.

**XIO-4DI:** The Honeywell XIO-4DI LON® Digital Input Module provides four digital inputs. It is suitable to record the status of potential free switches, such as electronic limit switches at vent valves or auxiliary contacts at power contactors, and to record counted measurands at counters with contactor. The 1 through 4 and four C input contacts are connected to potential free switches or contacts. States and counted measurands are read out by standard network variables and bound to other LONMARK devices. Configuration is done by LNS®-Plugin.

**XIO-10DI:** The Honeywell XIO-10DI LON® Digital Input Module offers 10 digital inputs to record static states, such as limit switches of ventilation flaps or auxiliary contacts of power contactors, and to record counted measurands at counters with contactors. The input contacts 1 to 10 together with the contacts C are connected to potential free switches or contacts. Depending on the position of the jumper J, the inputs can be operated as contact or voltage inputs (+24 V, jumper J, GND) or with an actuation to GND (+24 V, jumper J, GND). States and counted measurands can be read out by standard network variables and bound to other LONMARK® devices. Configuration is done by LNS®-Plugin.

**XIO-4DO:** The Honeywell XIO-4DO LON® Digital Output Module offers four digital outputs to switch electrical components such as motors, contactors, lamps and blinds. In a LON installation the four relays can be individually activated by standard network variables. The relays are provided with a manual control function that is only activated in the "Configured Mode." In addition, the module includes a wiper function. Settings are done by LNS®-Plugin.

**XIO-8AI:** The Honeywell XIO-8AI Universal LON® Analog Input Module offers eight configurable temperature or voltage inputs to record temperatures and voltages of passive and active sensors — for example, electrical ventilation and mixing valves, valve positions and more. The recorded counted measurands are

produced in different formats. Temperature, resistance, percentage and voltage can be read out depending on the setting for each input, and bound to other LONMARK devices. The setting of sensor characteristics and measuring ranges are done by LNS®-Plugin. The supply voltage for active sensors can be provided by the module.

**XIO-4AO:** The Honeywell XIO-4AO LON® Analog Output Module is a LON module with four analog outputs. The outputs supply a voltage between 0 and 10 V, and the voltage can be adjusted by LNS®-Plugin. In a LON installation, the different outputs are activated proportionally by the standard network variables, SNVT. According to the SNVT settings, they provide a voltage between 0 and 10 V. In addition, depending on a binary state, the outputs can be set to a previously defined value. The manual position of the potentiometer is signaled.

**XIO-4PT1000:** The Honeywell XIO-4PT1000 LON® Analog Input Module includes eight analog inputs — four temperature and four voltage — suitable to collect temperatures with PT 1000 sensors and voltages. In a LON installation, all eight inputs can be scanned simultaneously by standard network variables, SNVT.

**XIO-4NTC:** The Honeywell XIO-4NTC LON® Analog Input Module provides eight analog inputs — four temperature and four voltage — suitable to collect temperature data with NTC 20K sensors and voltage values. In a LON installation, all eight inputs can be scanned simultaneously by standard network variables.

**XIO-10HUB:** The Honeywell XIO-10HUB Extension Module provides additional potential free contacts as supporting contacts to connect digital outputs, analog outputs and more. Six contacts each are interconnected. A maximum of 60 V can be applied to the contacts. The extension module can be used as a power on module for bus connection, supply voltage and potential distribution.

## Backed By Honeywell

All Honeywell Compact I/O Modules are backed by the Honeywell name, the most trusted brand in the industry. And Honeywell Compact I/O Modules are part of Honeywell's complete portfolio of I/O modules, by far the most extensive line available.

**Learn More**

For more information, contact your local Honeywell authorized distributor or visit [customer.honeywell.com/buildings](http://customer.honeywell.com/buildings). To locate a distributor, visit [customer.honeywell.com](http://customer.honeywell.com).

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