

Specification

Model		PH-04-8	PH-04-4	PH-04-2
Power Supply		15-30VDC		
Power Consumption		4VA		
Display		LED		
Input	Inputs Points	8	4	2
	InputCurrent/mV	0-20mA / 0-10V		
	Input Type	Range	Resolution	
	0	0 - 20mA	1uA	
	1	4 - 20mA	1uA	
	2	0 - 1VDC	0.1mV	
	3	± 1VDC	0.1mV	
	4	0 - 5VDC	0.1mV	
	5	± 5VDC	1mV	
	6	0 - 10VDC	1mV	
	7	± 10VDC	1mV	
	Accuracy	1% of Full Scale		
	Display Input			
	0	แสดงค่าตาม Input Type		
	1	แสดงค่า 0-65535 16 Bits		
	2	Scale Zero Span		
	Communi- cation	Protocol	MODBUS RTU	
Baud Rate		2400, 4800, 9600, 19200, 38400, 57600		
Parity		None, Even, Odd		
Stop Bits		1, 2		
Data Bits		8		
Maximum Support Node		255		
Ambient Operation	Temperature	-10 °C to 60 °C		
	Humidity	<85% RH Non-Condensing		
Ambient Storage	Temperature	-20 °C to 80 °C		
	Humidity	<85% RH Non-Condensing		
Protection Degree		IP20		
Installation		DIN RAIL		
Enclosure		ABS-V0		
Size (mm.)		23 x 113 x 100		
Weight (kg.)		155		

Description

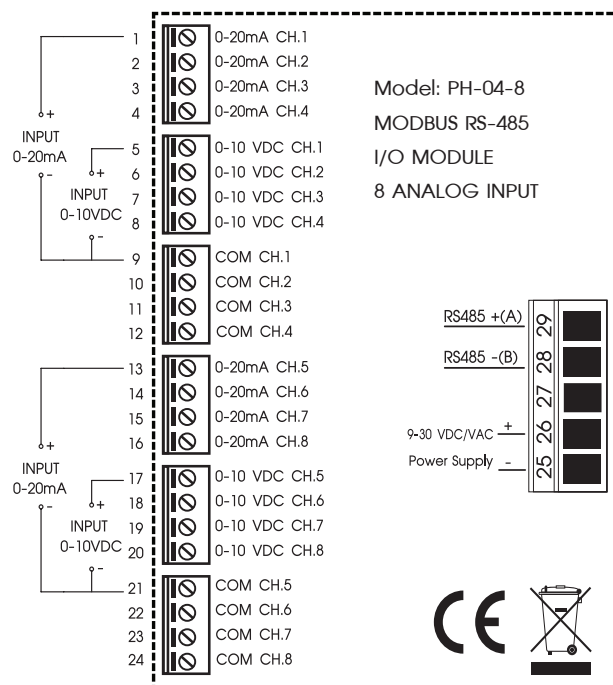
- Modbus RS-485 I/O Module Analog Input PH-04: An industrial device that operates on the RS-485 Modbus Protocol. the device is available in 4 models: 8, 4, and 2 Analog Inputs.
- The inputs support 0-20 mA, 4-20 mA, and 0-10 VDC with 16-bit resolution, and are isolated per channel.
- Operates via the RS-485 Modbus Protocol.
- Suitable for Remote I/O applications or expanding I/O for PLCs.
- LED indicators show the status of each input and output.

Operation

PH-04 is available in 4 models: 8, 4, and 2 Analog Inputs. It supports 0-20 mA, 4-20 mA, and 0-10 VDC in a single unit with 16-bit resolution providing high accuracy.

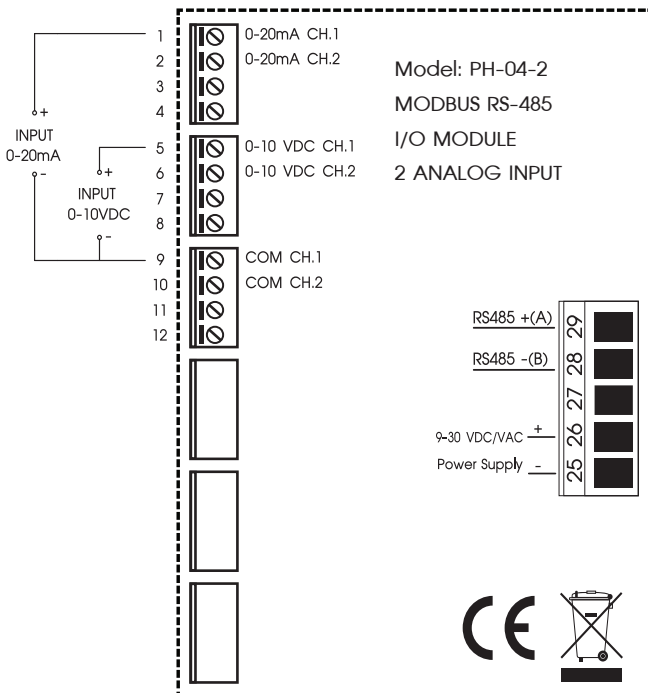
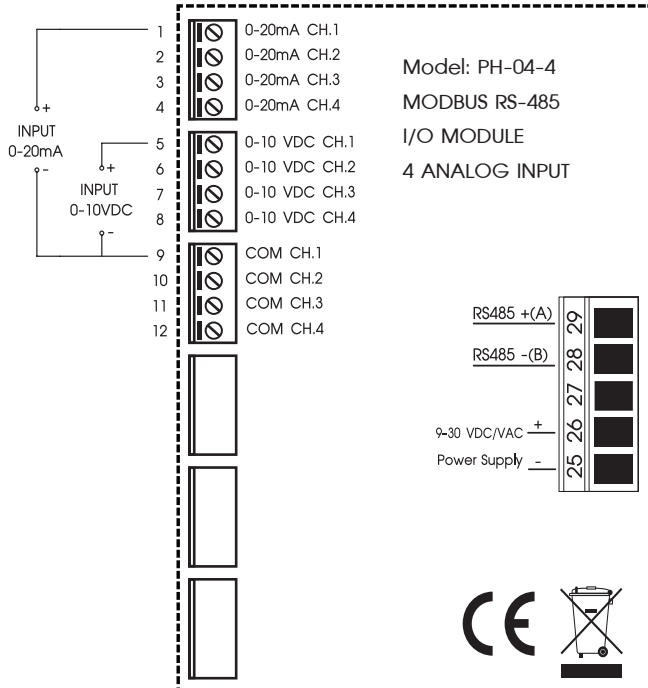
It allows a Modbus Master Device, such as a PC or PLC, to read data from the connected inputs. Suitable for Remote I/O applications or as additional I/O for PLCs.

Wiring Diagram

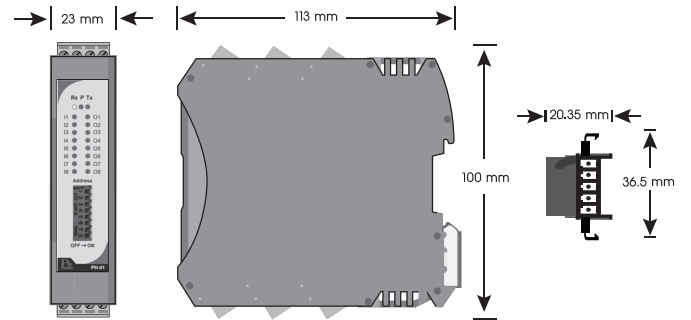


• Make sure the correct wiring connection before turning on electricity. Mis-wiring may cause malfunction of the unit and fire.
• Never modify the unit to prevent damage or incident such as malfunction and fire etc.

Wiring Diagram(Con)



Dimension



Ordering Code

PH -04-

Input/Output Signal	
8	8 Analog Input
4	4 Analog Input
2	2 Analog Input