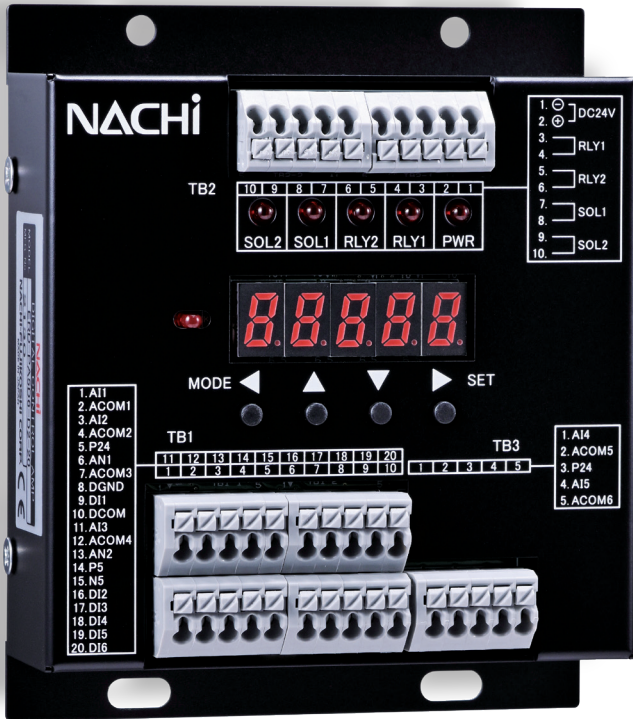


Panel Mount Proportional Valve, Digital Control Amplifier

ERD

PA5D6-EI-D2-20



Reduces time required for set up and adjustment

- Digital Parameters provide easy fine tuning.
- Simplifies parameter setting for repeat orders.
- Push in terminals provide easy installation without tools

Compatible with Industrial Network

- Monitor status, input signal, and more with EtherNet/IP communication
- Digital communication provides better response time and accuracy than analog is less susceptible to noise.

New Function

Compatible with industrial network EtherNet/IP
Possible to set parameters, command valve, monitor output valve

New Function

Drive two valves simultaneously
Valves control pressure feedback

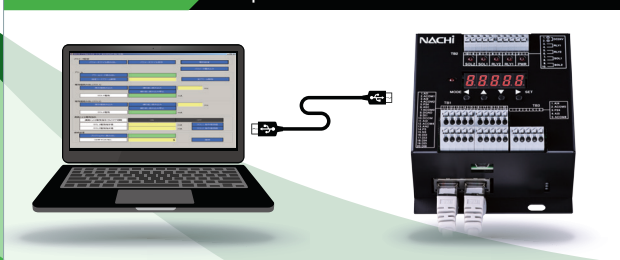
Industrial Network Communication

Reduces wiring



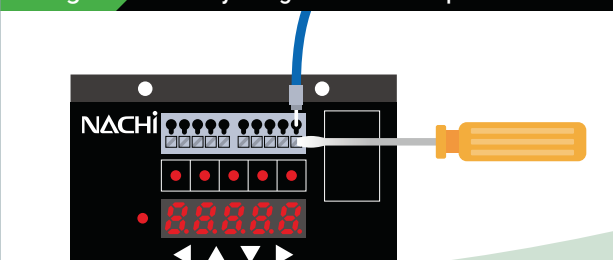
USB communication

Set parameters with our dedicated PC software tool



Wiring

Easy wiring connection with push in terminals



Characteristics

- **Each parameter can be set using the numeric display**

All parameters can be set by numbers. For example, dither frequency or output current max value can be simply entered with numbers.

- **Bit Pattern Input** New Function

When 1 proportional solenoid is running, command current can be switched up to 32 patterns.

- **Multi function such as output current monitoring**

Includes output current to solenoid coil monitoring function or an alarm such as coil short can be displayed.

- **Simple Setup**

Using our dedicated software tool, you can now backup or set all parameters at once. This enables easy programming of a second control amplifier or more.

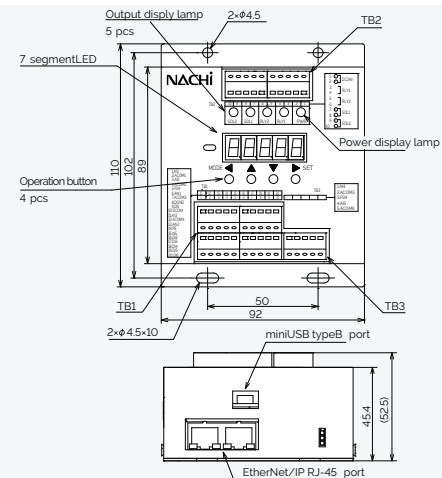
- **Pressure feedback control function** New Function

Controls pressure feedback of 2 valves at the same time. Suppresses pressure difference from operation oil temperature change or override characteristic. Input signal can switch feedback control On/Off. ■

- **CE marking**

Following safety regulation CE marking.

Dimensions

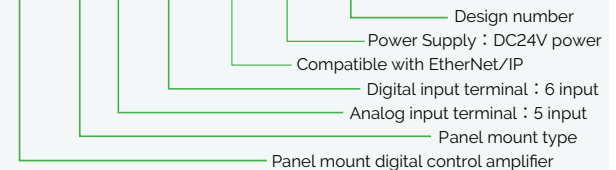


ERD-PA5D6-EI-D2-20

Outer dimension of model compatible with EtherNet/IP has different height.

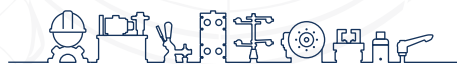
Model Code

ERD-PA5 D6 -EI-D2-20



Specification

Item	Specifications	
Supply Voltage / Current Consumption	DC24V (22~30V) / max 2.2A	
Operation temperature / humidity	0~55°C/Less than 90%RH	
Input Options	Analog Input	Analog signal to drive 2 proportional solenoids
	Contact input	Send an analog signal to drive preset output contact or ramp/time sequence output
	Bit pattern input	1 proportional solenoid:32 pattern, 2 proportional solenoids:
	EtherNet/IP	Cyclic digital communication will make commands
Input Signal	Analog input port	0-10V input : 4ch, $\pm 10V$: 1ch
	Digital input	6ch contact input
Output Signal	Solenoid output	0~900mA:2ch
	Signal output	Output current wave or pressure sensor voltage: 2ch
Display and Operation Method	LED display, 5 digit display, 4 operational buttons	
USB terminal	miniUSB typeB	
Compatible proportional valve	Pressure control valve, flow control valve, directional flow control valve	
EtherNet/IP spec	Adapter operation conformance test CT-18	
Safety Regulation	CE marking (self declaration)	



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