



DIN Connector Proportional Digital Control Amplifier

EDX CA2D1-D2-10

Multi functional DIN type Digital Control Amplifier which can be installed on a proportional valve



Direct Installation to Proportional Valve

DIN EN 175301-803-A, ISO 4400

Space Saving

Our smallest size digital amplifier for proportional valve

Dust and water proof

IP65 rating provides dust and water protection in harsh environments.

Adaptable for ModbusRTU protocol

With digital communication, it is possible to acquire voltage/flow/current command or status (solenoid current and error).

Adaptable pressure feedback control function

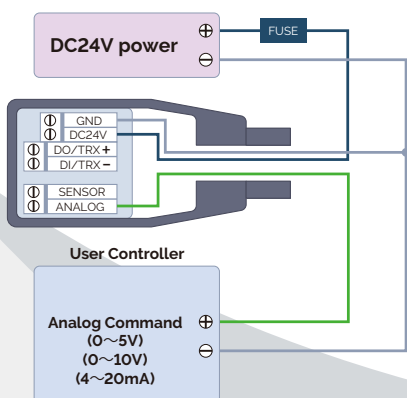
Utilize pressure sensor information and automatically control solenoid current to keep a set pressure.

Programable PC

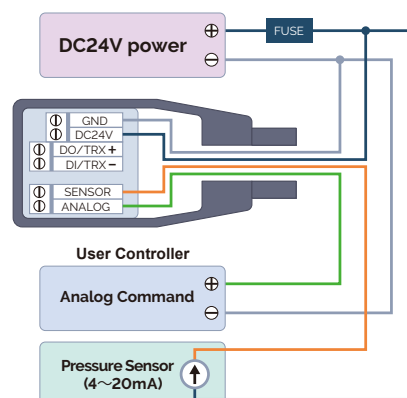
Connect with a PC via USB-C cable. Easily set and save parameters from your PC without an external power source.

CE marking (self declaration)

Analog input (voltage input)

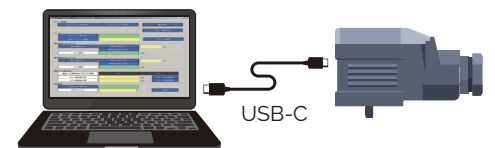


Analog input (voltage) and Pressure sensor input (current)



USB Connection

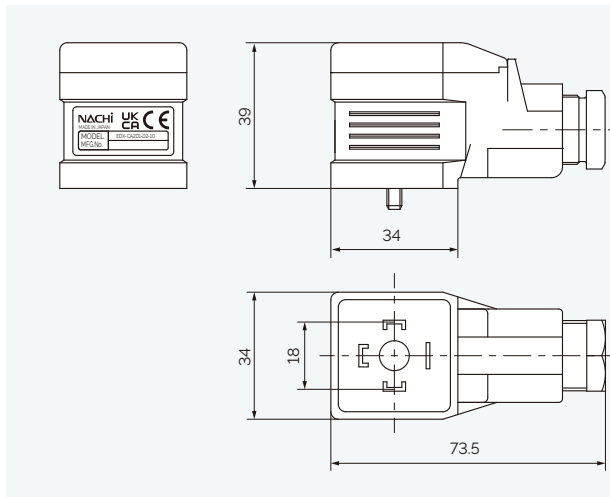
Set Parameters from a PC with our dedicated tool software



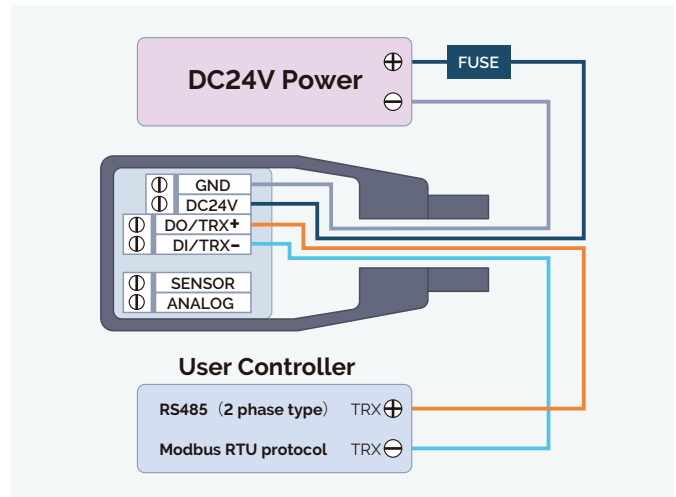
Specifications

Item	Specifications	
Supply Voltage / Current Consumption	DC24V(22~30V)/max 1.5A	
Operating temperature / humidity	0~55°C/ Less than 90%RH	
Input Options	Analog input	Analog signal to drive 1 proportional valve solenoid
	Contact input	Send an analog signal to drive preset output contact or ramp/time sequence output.
	ModbusRTU	Send a digital signal to drive 1 proportional solenoid
Input Signal	Analog Input Port	0~10V/0~5V/1~5V/4~20mA : 1ch Input resistance 249Ω (Under input current 4~20mA)
	Sensor Input Port	0~5V/1~5V/4~20mA : 1ch Input resistance 249Ω (Under input current 4~20mA)
	Digital input	Contact input (Cannot be used with ModbusRTU) : 1ch
Output Signal	Solenoid output	0~1,000mA : 1ch
	Contact output	Sink output (Cannot be used with ModbusRTU):1ch
Display and Operation Method	Operation and Display by PC software	
USB terminal	USB Type C	
Compatible proportional valve	Pressure control valve, flow control valve	
Safety Regulation	CE marking (self declaration), UKCA (self declaration)	
Mounting Specification	DIN EN 175301-803-A, ISO 4400	
Dust resistance / water resistance rank	IP65 (If used within set parameters such as cable diameter, mounting torque, etc with our attached connector seal with proportional valve)	

Dimension

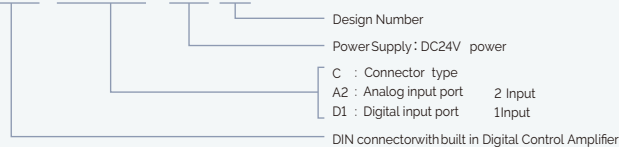


Digital Communication



Model

EDX-CA2D1-D2-10



NACHI
NACHI AMERICA INC.

☎ 800-622-4410
✉ ml-nai.hydraulics@nachi.com
🌐 www.nachiamerica.com

📍 Nachi America Inc.
715 Pushville Road
Greenwood, IN 46143