NEW

NACHI

Wireless DIN Proportional Amplifier

The Digital Control Amplifier is integrated into the DIN connector. Simply plug in the M12 connector, and adjust settings remotely with the Nachi android app.

REMOTE OPERATIONS

- Easily configure and write parameters with the Nachi app*1
- Monitoring access 24/7 for safer easier testing

NO TOOLS REQUIRED

- Installs using an 8-pin M12 Code A connector cable

SPACE SAVING DESIGN

- Installs directly on compatible proportional valves*2
- Eliminates the need for an amplifier inside the control panel

DURABILITY

- Dust and waterproof
- Engineered for an IP65 rating

Access from an Android® device

- Easily check status and parameters
- Adjust Currents, Pressure and Flow rates

**1 Compatible with Android OS® equipped phones and tablets. Amplifier must be within 30 feet.*

**2 Compatible with DIN EN 175301-803-A and ISO 440.*

Specifications

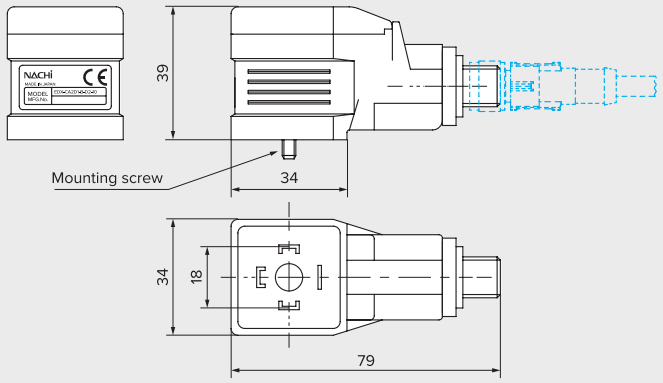
Supply Voltage / Current Consumption		DC 24v (22-30v) /max 1.5A
Operating temperature / humidity		0-55 °C (32 - 131 °F) Less than 90% RH
Input Signal	Analog Input	1ch - DC0-10V/DC0-5V/DC1-5V/4-20mA (switch with parameters) Input resistance more than 50kΩ (at voltage input) /Input resistance 249Ω (Current input 4-20mA)
	Sensor Input	1ch - DC0-5V/DC1-5V/4-20mA (switch with parameters) Input resistance more than 50kΩ (at voltage input) /Input resistance 249Ω (Current input 4-20mA)
	Contact Input	1ch (sink input)
	Modbus® RTU	1ch
Output Signal	Solenoid output	1ch: 0-900mA
	Contact output	1ch (Sink output)
Display		LED display (3 points), external display via the Nachi app or PC software
Technology		Bluetooth® Low Energy Version 5.0. Operates on Android OS®.
USB Terminal		USB Type C
Compatible proportional valve		Pressure control valve, flow control valve
Safety Regulation		CE marking (self declaration)
Compatible areas		Japan • North America • Europe. *Must follow local and regional radio wave laws*
Mounting specification		DIN EN 175301-803-A, ISO 4400
Wiring Method		M12 connector : 8-pin A-code
Dust resistance / water resistance rank		IP65. *Use waterproof M12 connectors and wiring when attaching to proportional valve*

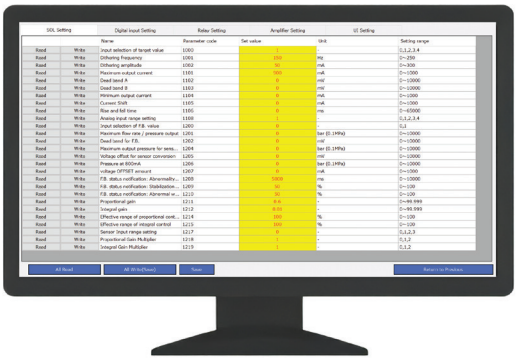
Explanation of Model no.

EDX-CA2D1-B-D2-10

- **10** — Design no.
- **D2** — Power symbol: DC 24v power
- **B** — M12 connector with Bluetooth® wireless technology
- **CA2D1** — **C:** Connector type
  - **A2:** Analog Input Terminal — 2 input
  - **D1:** Digital Input Terminal — 1 input
- **EDX** — Digital Control Amplifier with Electro-hydraulics Proportional valve

Dimensions





PC software supports Bluetooth wireless communication

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