

B1-L2DA

2 Channels Analog Output Module



Introduction

B1-L2DA is one of the analog output module of FATEK B1 series PLC , it provides 2 channels of 12-bit (coded in 14 bits) analog outputs. °

Specification

Total Channels : 2 Channels

Resolution : 12 bits

Coding Format : 14 bits (0 ~ 16383)

Signal Resolution : 2.44mV(Voltage), 4.88uA(Current)

Registers Occupied : 2 Register (D4076 、 D4077)

Conversion Time : Updated each scan

Accuracy : $\pm 1\%$

Max. and Min. output loading :

Voltage Output : $2K \sim 1M\Omega$

Current Output : $0 \sim 500\Omega$

Output Range : $0 \sim 10V$ (Voltage)

$0 \sim +20mA$ (Current)

Internal Power Consumption : 5V, 69mA(Max. load)

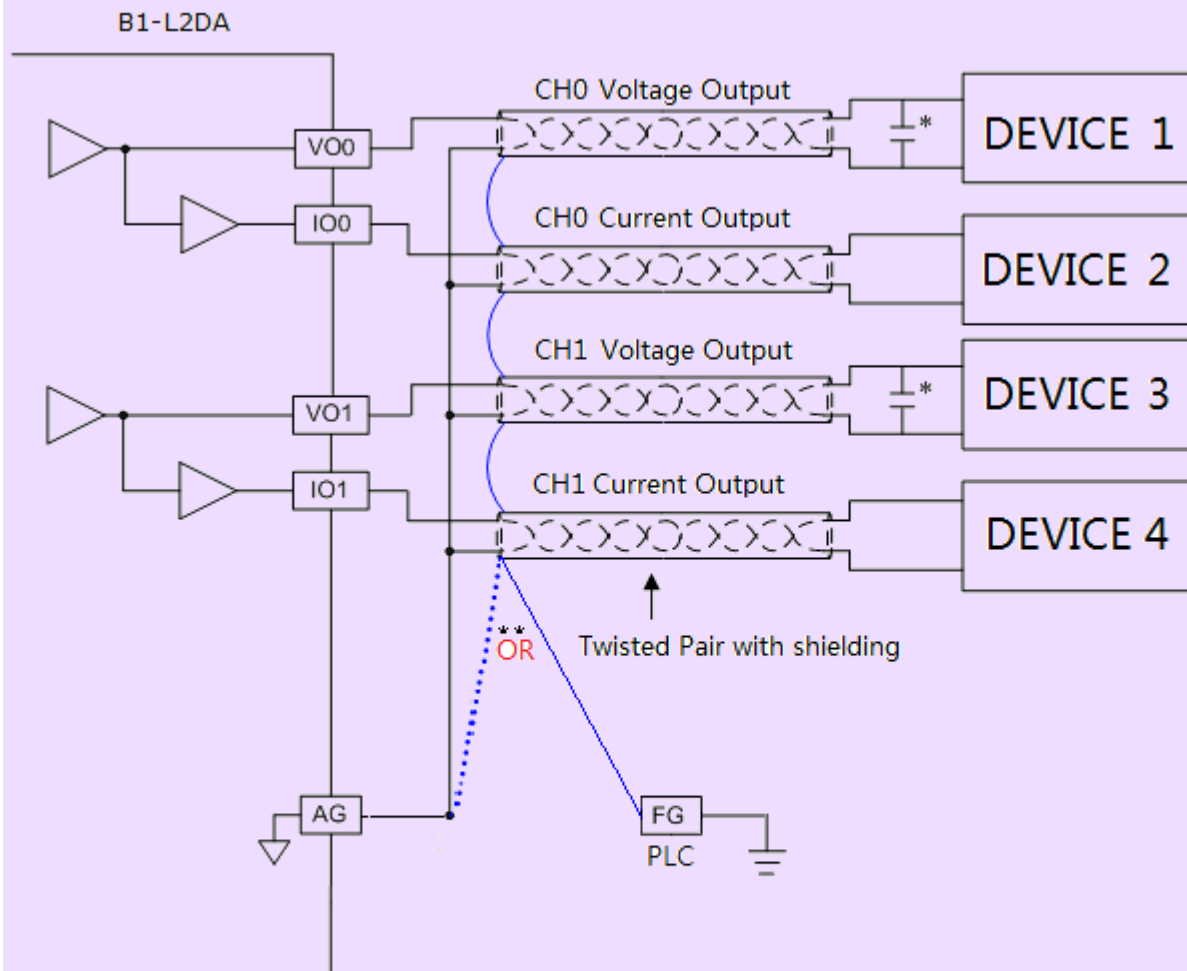
Operating Temperature : $0 \sim 60^{\circ}C$

Storage Temperature : $-20 \sim 80^{\circ}C$

Pin Diagram



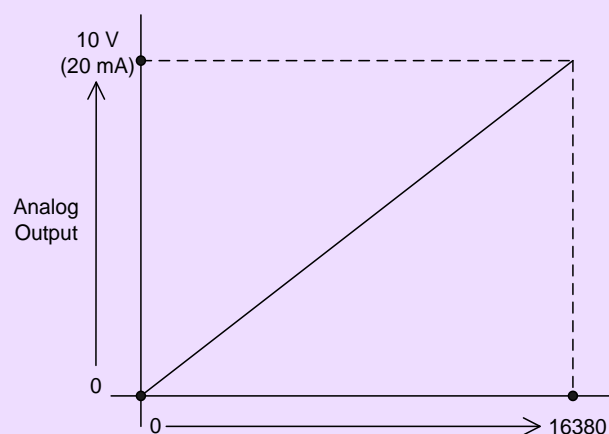
Wiring Diagram



* 0.1 ~ 0.47 uF capacitor (to filter noise) Advice to install, but not necessary !!

** If you like to have Twisted pair with shielding connect to ground , we suggest you to connect FG of PLC, if you can't connect to the FG of PLC, please connect to AG of module.

Characteristics Chart



Registers allocation Map

Channel No.		Mapped Register
Analog Output	CH0	D4076 (0 ~ 16383)
	CH1	D4077 (0 ~ 16383)

* Left Side Expansion Module has to add module manually in Winproladder.