

# BD Module: LX5V-4ADI-BD / LX5V-4ADV-BD

- 4 entradas analógicas (4~20 mA)
- 4 entradas analógicas (-10 V~10 V)



## Specification

Model	Channels	Resolution	Functionality
LX5V-4ADI-BD	4	12 bits	4 * Analog Input (4~20mA)
LX5V-4ADV-BD	4	12 bits	4 * Analog Input (-10V~10V)

## Specification

Item	LX5V-4ADI-BD
Power supply	5VDC $\pm$ 10%, 70mA (The power supply is provided internally by host)
Analog input range	DC 4mA to 20mA (input resistor 250 $\Omega$ ) absolute maximum input: -2mA, +30mA
Rated range	4mA to 20mA: 0 to 2000 (recommended)
Maximum display range	-500 to 2048
Resolution	8uA (4mA to 20mA/2000)
Comprehensive precision	$\pm$ 0.5% of full scale (4mA to 20mA: $\pm$ 0.08 mA)
A/D conversion time	One scan cycle (A/D conversion after ladder diagram END instruction is executed, and BD channel map value is updated)
Input features	
Insulation	There is no insulation between the channels of the module
Points occupied	0 point (4ADI is not affected by the standard maximum control points of the main PLC because it is operated through the data register)

Item	LX5V-4ADV-BD
Power supply	5VDC $\pm$ 10%, 70mA (The power supply is provided internally by host)
Analog input range	DC -10V to 10V (input resistor 160K $\Omega$ ). Note: If the input voltage exceeds $\pm$ 15V, the unit will be damaged.
Rated range	-10V to 10V: -2000 to 2000 (Recommended)
Maximum display range	-2048 to 2048
Resolution	5mV (10V default range 1/2000)
Comprehensive precision	$\pm$ 0.5% of full scale
A/D conversion time	One scan cycle (A/D conversion after ladder diagram END instruction is executed, and BD channel mapping value is updated.)
Input features	
Insulation	There is no insulation between the channels of the BD Module.
Points occupied	0 point (4ADV is not affected by the standard maximum control points of the main PLC because it is operated through the data register.)