BD Module: LX5V-2ADI-BD / LX5V-2ADV-BD / LX5V-2DAI-BD / LX5V-2DAV-BD

- 2 entradas analógicas de corriente (4–20 mA)
- 2 entradas analógicas de tensión (-10 V~10 V)

- 2 salidas analógicas de corriente (4–20 mA)
- 2 salidas analógicas de tensión (-10 V~10 V)

Specification

Model	Channels	Resolution	Functionality
LX5V-2ADI-BD	2	12	2*Analog Current Input (4-20mA)
LX5V-2ADV-BD	2	12	2*Analog Voltage Input(-10v-10v)
LX5V-2DAI-BD	2	12	2*Analog Current Output (4-20mA)
LX5V-2DAV-BD	2	12	2*Analog Voltage Output (-10v-10v)

Specification

Item	LX5V-2ADI-BD Current input	LX5V-2ADV-BD Voltage input
Analog input range	DC 4mA to 20mA (input resistor 250Ω) , absolute maximum input: -2mA, +60mA	DC-10V to 10V (input resistor 150KΩ). **Note: If the input voltage exceeds ± 15V, it will be damaged.**
Digital output	12-bit binary	
Resolution	8uA (4mA to 20mA/2000)	5mV [10V default range 1/2000]
Comprehensive precision	±0.5% of full scale (4mA to 20mA: ±0.16 mA)	± 1% of full scale
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 (2ADI is not affected by the standard maximum control points of the main PLC because it is operated through the data register)	

Item	LX5V-2DAI-BD Current output	LX5V-2DAV-BD Voltage input
Analog output range	DC 4mA to 20mA (external load resistance ≤ 500 Ω)	DC -10V to 10V (external load resistance ≥ 500Ω)
Digital output	12-bit binary	
Resolution	8uA (4mA to 20mA/2000)	5mV [10V default range 1/2000]
Comprehensive precision	±1% of full scale (4mA to 20mA: ±0.16 mA)	± 1% of full scale
D/A conversion time	One scan cycle (D/A conversion after ladder diagram END instruction is executed, and BD channel output value is updated)	
Output features	External load is 250Ω. 0 to 2000 was converted to 4mA to 20mA.	
Insulation	There is no insulation between the channels of the module	
Points occupied	0 point (2DA is not affected by the standard maximum control points of the main PLC because it is operated through the data register)	