BD Module: LX5V-2ADI2DAI-BD / LX5V-2ADV2DAV-BD

- 2 entradas de resistencia térmica
- 2 entradas analógicas de tensión (-10 V~10 V)

Model	Channels	Resolution	Functionality
LX5V-2ADI2DAI-BD	4	12 bits	2 * Analog Input/ Analog Output (4~20mA)
LX5V-2ADV2DAV-BD	4	12 bits	2 * Analog Input/ Output (-10V~10V)

Specification

Item	LX5V-2ADI2DAI-BD	LX5V-2ADV2DAV-BD
Power supply	24VDC±10%, 50mA; 5VDC±10%, 70mA (The power supply is provided internally by host)	
	ADI section	**ADV section**
Analog input range	DC 4mA to 20mA (input resistor 250 Ω) absolute maximum input: -2mA, +30mA	DC -10V to 10V (input resistor 160KΩ). ✎Note: If the input voltage exceeds ±15V, the unit will be damaged.
Rated range	4mA to 20mA: 0to 2000 (recommended)	(-10V to10V: -2000 to 2000)
Maximum display range	-500 to 2048	-2048 to 2048
Resolution	8uA (4mA to 20mA/2000)	5mV (10V default range 1/2000)
Comprehensive precision	±0.5% of full scale (4mA to 20mA: ±0.08 mA) ±0.08 mA)	±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 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)	
	DAI section	**DAV section**
Rated range	0 to 2000: 4mA to 20mA	DC -10V to 10V (external load resistance ≥ 2KΩ)
Analog output range	DC 4mA to 20mA (external load resistance ≤ 500 Ω)	(-2000 to 2000:-10V to 10V)
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: ±0.08 mA)	±0.5% 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. 	
Points occupied	0 point (2DAI is not affected by the standard maximum control points of the main PLC because it is operated through the data register)	