

LX3V-4AD

4 entradas analógicas



Specification

| Model | Channels | Resolution | Functionality |
|----------|----------|------------|---------------------|
| LX3V-4AD | 4 | 12 bits | Analog signal input |

Specification

| | |
|------------------------------|---|
| Item | LX3V-4AD |
| Dielectric withstand voltage | 500VAC, 1min (between all terminals and ground) |

Power supply

| | |
|------------------|---|
| Item | LX3V-4AD |
| Analog circuits | 24V DC $\pm 10\%$, 55mA (external power supply from main unit) |
| Digital circuits | 5V DC, 90mA (internal power supply from main unit) |

Inputs

| | Voltage input | Current input |
|--------------------|--|---|
| Items | Either voltage or current input can be selected with your choice of input terminal. Up to four input points can be used at one time. | |
| Analog input range | DC -10V to +10V (Input resistance: 200k Ω). Warning: this unit may be damaged by input voltage in excess of $\pm 15V$ | DC -20mA to +20mA (Input resistance: 250 Ω). Warning: this unit may be damaged by input currents in excess of $\pm 32mA$. |
| Digital output | 12-bit conversion stored in 16-bit 2's complement form Maximum value: +2047 Minimum value: -2048 | |
| Resolution | 5mV (10V default range 1/2000) | 20 μA (20mA default range 1/1000) |
| Over all accuracy | $\pm 1\%$ (for the range of -10V to +10V) | $\pm 1\%$ (for the range of -20mA to +20mA) |
| Conversion speed | 15ms/channel (Normal speed), 6ms/channel (High speed) | |
| CE Certification | CE marked | |