



I-87017W-A5

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8-channel High Voltage Input Module

Specifications

| Analog Input | |
|---|---|
| Input Channels | 8 Differential |
| Input Type | +/- 50V, +/- 150V |
| Resolution | 16-bit / 12-bit |
| Sampling Rate | Normal Mode : 16-bit, 10 Samples/ sec (Total) Fast Mode : 12-bit, 50 Sample/ sec (Total) |
| Accuracy | Normal Mode : +/- 0.1% of FSR Fast Mode : +/- 0.25% of FSR |
| -3dB BandWidth | 15.7Hz |
| Zero Drift | +/- 20µV/ °C |
| Span Drift | +/- 25 µV/ °C |
| Common Mode Rejection | 86 dB |
| Normal Mode Rejection | 100 dB |
| Input Impedance | 290K Ohms |
| Overvoltage Protection | -200V to +200V |
| 4KV ESD Protection | Yes, Contact for each terminal. |
| Intra-module Isolation, Field to Logic | 3000VDC |
| LED Display | |
| 1 LED as Power/ Communication Indicator | |
| Power | |
| Power Consumption | Maximum: 1.3W |
| Environment | |
| Operating Temperature | -25 to 75 °C |
| Storage Temperature | -30 to 75 °C |
| Humidity | 5 to 95%, Non-condensing |
| Dimensions | |
| 31 x 81 x 114 (W x D x H) | |

Ordering information

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| I-87017W-A5-G | 8-channel High Voltage Input Module (Gray Cover) |
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