



I-87017RC-G

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8-channel Current Input Module

Specifications

Analog Input	
Input Channels	8 Differential
Input Type	0 ~ +20mA, +4 ~ +20mA, -20mA ~ +20mA (No External Resistor Required)
Resolution	16-bit / 12-bit
Sampling Rate	Normal Mode : 16-bit, 10 Samples/ sec (Total) Fast Mode : 12-bit, 60 Sample/ sec (Total)
Accuracy	Normal Mode : +/- 0.1% of FSR Fast Mode : +/- 0.5% 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	125 Ohms
Common Voltage	-200V to +200V
Open Current Detection	Yes
4KV ESD Protection	Yes, Contact for each terminal.
Intra-module Isolation, Field to Logic	3000VDC
LED Display	
1 LED as Power/ Communication Indicator	
16 LEDs as High/ Low Alarm Signals	
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

I-87017RC	8-channel Current Input Module
I-87017RC CR	8-channel Current Input Module (RoHS)